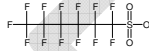
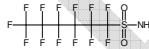

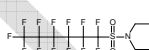

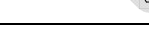
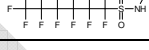



<b>Standard Name:</b> 3M Fluorocarbon Analytical Standard #2						
<b>Purposes:</b> For quantitative analysis of PFAS related to historical AFFF						
Substance Acronym <sup>[1]</sup>	Chemical Name	Molecular Formula	Chemical Structure	3M ID	CAS No.	Concentration (µg/L; ppb) <sup>[2,3]</sup>
PFHxS	Sodium, Perfluorohexanesulfonate	C <sub>6</sub> F <sub>13</sub> NaO <sub>3</sub> S		PFHxS	82382-12-5	500
FHxSA	Perfluorohexanesulfonamide	C <sub>6</sub> H <sub>2</sub> F <sub>13</sub> NO <sub>2</sub> S		FHxSA	41997-13-1	500
PFHxSaAm	N-[3-(dimethylamino)propyl]-perfluorohexane-1-sulfonamide	C <sub>11</sub> H <sub>13</sub> F <sub>13</sub> N <sub>2</sub> O <sub>2</sub> S		PHSA	50598-28-2	500
N-HOEAmP-FHxSAPS	N-(2-hydroxyethyl)-N,N-dimethyl-3-((N-(3-sulfopropyl)perfluorohexyl)sulfonamido)propan-1-aminium bromide	C <sub>16</sub> H <sub>24</sub> BrF <sub>13</sub> N <sub>2</sub> O <sub>6</sub> S <sub>2</sub>		PHSA-S1	38850-58-7	500
AmP-FHxSAPS	3-((N-(3-(dimethylamino)propyl)perfluorohexyl)sulfonamido)propane-1-sulfonic acid	C <sub>14</sub> H <sub>19</sub> F <sub>13</sub> N <sub>2</sub> O <sub>5</sub> S <sub>2</sub>		PHSA-S3	38850-60-1	500
N-HOEAmP-FHxSA	N-(2-hydroxyethyl)-N,N-dimethyl-3-((perfluorohexyl)sulfonamido)propan-1-aminium	C <sub>13</sub> H <sub>18</sub> F <sub>13</sub> N <sub>2</sub> O <sub>3</sub> S		PHSA-E1	736877-37-5	500
PBSaAm	N-[3-(dimethylamino)propyl]-perfluorobutane-1-sulfonamide	C <sub>9</sub> H <sub>13</sub> F <sub>9</sub> N <sub>2</sub> O <sub>2</sub> S		PBSA	68555-77-1	500
N-HOEAmP-FBSAPS	N-(2-hydroxyethyl)-N,N-dimethyl-3-((N-(3-sulfopropyl)perfluorobutyl)sulfonamido)propan-1-aminium	C <sub>14</sub> H <sub>24</sub> F <sub>9</sub> N <sub>2</sub> O <sub>6</sub> S <sub>2</sub>		PBSA-S1	2089108-94-9	500

[1] Acronym is based on a best fit to nomenclature described by Barzen-Hanson *et al.* 2017. *Env. Sci. Technol.* 51:2047-2057.  
[2] Standard concentration is provided in methanol  
[3] The concentration of the substance in the standard is based on the chemical structure, as shown.  
**Note:** The substance is provided in sealed pre-scored ampules, use caution when opening glass ampules. Use a glass pipette to transfer entire liquid volume (nominal 1-mL) to a secondary container prior to use.