

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP090825\
 Data File : BP025689.D
 Acq On : 08 Sep 2025 18:07
 Operator : CG/JU
 Sample : SSTD16015
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD160644

Quant Time: Sep 09 09:18:49 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP090825.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Sep 08 16:53:59 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 09/09/2025
 Supervised By :Jagrut Upadhyay 09/09/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.766	152	153853	20.000	ng/u1	0.00
20) Naphthalene-d8	10.531	136	617891	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.384	164	419433	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.183	188	867123	20.000	ng/u1	0.00
79) Chrysene-d12	21.636	240	828356	20.000	ng/u1	0.02
88) Perylene-d12	24.989	264	969459	20.000	ng/u1	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	0.000	96	0d	0.000	ng/uL	
4) Pyridine-d5	3.690	84	1661421	166.770	ng/u1	0.00
7) Phenol-d5	6.960	99	1983883	165.777	ng/u1	0.01
9) Bis-(2-Chloroethyl)eth...	7.107	67	1152290	164.481	ng/u1	0.01
11) 2-Chlorophenol-d4	0.000	132	0d	0.000	ng/u1	
15) 4-Methylphenol-d8	8.484	113	1583593	161.655	ng/u1	0.02
21) Nitrobenzene-d5	0.000	128	0d	0.000	ng/u1	
24) 2-Nitrophenol-d4	0.000	143	0d	0.000	ng/u1	
28) 2,4-Dichlorophenol-d3	0.000	165	0d	0.000	ng/u1	
31) 4-Chloroaniline-d4	10.672	131	2137583	152.168	ng/u1	0.01
46) Dimethylphthalate-d6	0.000	166	0d	0.000	ng/u1	
49) Acenaphthylene-d8	0.000	160	0d	0.000	ng/u1	
54) 4-Nitrophenol-d4	14.631	143	882084	157.678	ng/u1	0.03
60) Fluorene-d10	0.000	176	0d	0.000	ng/u1	
65) 4,6-Dinitro-2-methylph...	15.542	200	963353	223.022	ng/u1	0.02
73) Anthracene-d10	0.000	188	0d	0.000	ng/u1	
81) Pyrene-d10	0.000	212	0d	0.000	ng/u1	
92) Benzo(a)pyrene-d12	0.000	264	0d	0.000	ng/u1	
Target Compounds						
					Qvalue	
5) Pyridine	3.713	79	1730387	168.847	ng/u1	99
6) Benzaldehyde	6.919	77	453938	78.237	ng/u1	99
8) Phenol	6.990	94	2004917	162.696	ng/u1	97
10) Bis(2-Chloroethyl)ether	7.202	93	1523911	159.495	ng/u1	98
13) 2-Methylphenol	8.213	108	1507600	160.041	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	8.284	45	2369206	173.587	ng/u1	99
16) Acetophenone	8.584	105	2306301	150.854	ng/u1	99
18) 4-Methylphenol	8.549	108	1617746	158.495	ng/u1	97
32) 4-Chloroaniline	10.701	127	2101733	152.713	ng/u1	99
34) Caprolactam	11.525	113	600086m	177.118	ng/u1	
40) Hexachlorocyclopentadiene	12.537	237	1192159	194.998	ng/u1	96
51) 3-Nitroaniline	14.301	138	785762	141.962	ng/u1	96
53) 2,4-Dinitrophenol	14.513	184	728165	272.874	ng/u1	97
55) 4-Nitrophenol	14.642	109	729344	180.287	ng/u1	98
63) 4-Nitroaniline	15.495	138	676350	125.793	ng/u1	98
66) 4,6-Dinitro-2-methylph...	15.554	198	947787	206.856	ng/u1#	97
70) Atrazine	16.660	200	1499333	154.839	ng/u1	98
71) Pentachlorophenol	16.836	266	1090822	157.715	ng/u1	99
77) Carbazole	17.607	167	6017094	139.996	ng/u1	98
84) 3,3'-Dichlorobenzidine	21.524	252	2386621	150.200	ng/u1	100
89) Di-n-octyl phthalate	22.818	149	9779858	186.446	ng/u1	100

(#) = qualifier out of range (m) = manual integration (+) = signals summed