

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071825\
 Data File : BN037525.D
 Acq On : 18 Jul 2025 15:55
 Operator : RC/JU
 Sample : SSTD16040
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD160236

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 07/21/2025
 Supervised By :Jagrut Upadhyay 07/21/2025

Quant Time: Jul 18 16:22:07 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN071825.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jul 18 16:09:51 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.722	152	98015	20.000	ng/ul	0.00
20) Naphthalene-d8	10.510	136	377004	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.357	164	222539	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.098	188	408765	20.000	ng/ul	0.00
79) Chrysene-d12	21.333	240	413003	20.000	ng/ul	0.01
88) Perylene-d12	24.274	264	439159	20.000	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	0.000	96	0d	0.000	ng/uL	
4) Pyridine-d5	3.605	84	902054	149.217	ng/ul	0.00
7) Phenol-d5	6.899	99	1121599	154.189	ng/ul	0.01
9) Bis-(2-Chloroethyl)eth...	7.063	67	662904	149.745	ng/ul	0.01
11) 2-Chlorophenol-d4	0.000	132	0d	0.000	ng/ul	
15) 4-Methylphenol-d8	8.440	113	924472	154.571	ng/ul	0.02
21) Nitrobenzene-d5	0.000	128	0d	0.000	ng/ul	
24) 2-Nitrophenol-d4	0.000	143	0d	0.000	ng/ul	
28) 2,4-Dichlorophenol-d3	0.000	165	0d	0.000	ng/ul	
31) 4-Chloroaniline-d4	10.645	131	1259410	155.128	ng/ul	0.01
46) Dimethylphthalate-d6	0.000	166	0d	0.000	ng/ul	
49) Acenaphthylene-d8	0.000	160	0d	0.000	ng/ul	
54) 4-Nitrophenol-d4	14.569	143	502533	168.813	ng/ul	0.02
60) Fluorene-d10	0.000	176	0d	0.000	ng/ul	
65) 4,6-Dinitro-2-methylph...	15.480	200	451483	212.227	ng/ul	0.02
73) Anthracene-d10	0.000	188	0d	0.000	ng/ul	
81) Pyrene-d10	0.000	212	0d	0.000	ng/ul	
92) Benzo(a)pyrene-d12	0.000	264	0d	0.000	ng/ul	
Target Compounds						
						Qvalue
5) Pyridine	3.622	79	933053	150.348	ng/ul	99
6) Benzaldehyde	6.863	77	230096	59.892	ng/ul	99
8) Phenol	6.928	94	1156095	154.654	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.157	93	917696	150.213	ng/ul	99
13) 2-Methylphenol	8.169	108	874683	154.803	ng/ul	92
14) 2,2'-oxybis(1-Chloropr...	8.251	45	1317799	148.881	ng/ul	100
16) Acetophenone	8.551	105	1371147	144.765	ng/ul	98
18) 4-Methylphenol	8.510	108	927431	151.276	ng/ul	93
32) 4-Chloroaniline	10.669	127	1247034	152.921	ng/ul	98
34) Caprolactam	11.469	113	286218m	165.729	ng/ul	
40) Hexachlorocyclopentadiene	12.539	237	714416	171.486	ng/ul	94
51) 3-Nitroaniline	14.263	138	412354	136.567	ng/ul	96
53) 2,4-Dinitrophenol	14.469	184	332906	235.713	ng/ul	98
55) 4-Nitrophenol	14.586	109	345401	160.869	ng/ul	94
62) 4-Chlorophenyl-phenyle...	15.410	204	1154490	149.813	ng/ul	96
63) 4-Nitroaniline	15.433	138	358224	122.730	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.498	198	461222	197.993	ng/ul	95
70) Atrazine	16.586	200	748094	164.309	ng/ul	98
71) Pentachlorophenol	16.751	266	598439	186.628	ng/ul	99
77) Carbazole	17.504	167	3218489	153.254	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.239	252	1198960	150.375	ng/ul	95
89) Di-n-octyl phthalate	22.386	149	4771844	181.055	ng/ul	100

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

