Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP063025\
Data File : BP025049.D
Acq On : 30 Jun 2025 19:32
Operator : RC/JU
Sample : SSTD16009
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTD160643

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 07/01/2025
Supervised By :Jagrut Upadhyay 07/02/2025

Quant Time: Jul 01 11:15:04 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP063025.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jul 01 10:51:11 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.443	152	387146	20.000	ng/ul	0.00
20) Naphthalene-d8	10.190	136	1657290	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.101	164	1080138	20.000	ng/ul	0.01
64) Phenanthrene-d10	16.919	188	2149005	20.000	ng/ul	0.00
79) Chrysene-d12	21.366	240	2145863	20.000	ng/ul	0.02
88) Perylene-d12	24.501	264	2463586	20.000	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	0.000	96	0d	0.000	ng/uL	
4) Pyridine-d5	3.466	84	3885030	158.648	ng/ul	0.00
7) Phenol-d5	6.643	99	5044764	169.266	ng/ul	0.02
9) Bis-(2-Chloroethyl)eth...	6.808	67	2677520	156.063	ng/ul	0.01
11) 2-Chlorophenol-d4	0.000	132	0d	0.000	ng/ul	
15) 4-Methylphenol-d8	8.149	113	4094218	169.598	ng/ul	0.01
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	10.331	131	6023569	158.733	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	14.331	143	2607405	177.900	ng/ul	0.04
60) Fluorene-d10	0.000	176	0d	0.000	ng/ul	
65) 4,6-Dinitro-2-methylph...	15.260	200	2091527	223.989	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	3.490	79	3941874	155.360	ng/ul	98
6) Benzaldehyde	6.607	77	1425767	98.705	ng/ul	100
8) Phenol	6.666	94	5030346	164.400	ng/ul	98
10) Bis(2-Chloroethyl)ether	6.902	93	3707717	157.294	ng/ul	98
13) 2-Methylphenol	7.884	108	3933536	168.835	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	7.972	45	4969248	152.423	ng/ul	99
16) Acetophenone	8.260	105	5912789	156.316	ng/ul	98
18) 4-Methylphenol	8.225	108	4190758	166.346	ng/ul	95
32) 4-Chloroaniline	10.360	127	5815381	156.115	ng/ul	99
34) Caprolactam	11.154	113	1502788m	172.388	ng/ul	
40) Hexachlorocyclopentadiene	12.243	237	2861415	183.388	ng/ul	99
51) 3-Nitroaniline	14.013	138	2403286	171.350	ng/ul#	95
53) 2,4-Dinitrophenol	14.213	184	1420234	237.415	ng/ul	98
55) 4-Nitrophenol	14.354	109	1740921	167.535	ng/ul	98
63) 4-Nitroaniline	15.207	138	2000739	144.697	ng/ul	100
66) 4,6-Dinitro-2-methylph...	15.272	198	2170895	213.595	ng/ul#	99
70) Atrazine	16.407	200	3796964	162.416	ng/ul	99
71) Pentachlorophenol	16.566	266	3096443	181.170	ng/ul	100
77) Carbazole	17.330	167	14186112	131.995	ng/ul#	90
84) 3,3'-Dichlorobenzidine	21.277	252	6465715	164.872	ng/ul	99
89) Di-n-octyl phthalate	22.554	149	19509193m	159.915	ng/ul	

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