Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP012925\
Data File : BP023789.D
Acq On : 29 Jan 2025 16:40
Operator : RC/JU
Sample : SSTD16084
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTD160621

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 01/30/2025
Supervised By :mohammad ahmed 01/31/2025

Quant Time: Jan 29 17:10:11 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP012925.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jan 29 16:12:59 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.787	152	541097	20.000	ng/ul	0.00
20) Naphthalene-d8	10.569	136	2477378	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.416	164	1577266	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.210	188	3117466	20.000	ng/ul	0.00
79) Chrysene-d12	21.669	240	3031392	20.000	ng/ul	-0.01
88) Perylene-d12	25.074	264	3370704	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	3.705	84	5847521	149.965	ng/ul	0.00
7) Phenol-d5	6.987	99	7952353	170.589	ng/ul	0.01
9) Bis-(2-Chloroethyl)eth...	7.128	67	3885669	150.444	ng/ul	0.00
11) 2-Chlorophenol-d4	0.000	132	0d	0.000	ng/ul	
15) 4-Methylphenol-d8	8.516	113	6367229	171.612	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	10.710	131	8845605	151.574	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	14.657	143	3735501	161.467	ng/ul	0.02
60) Fluorene-d10	0.000	176	0d	0.000	ng/ul	
65) 4,6-Dinitro-2-methylph...	15.557	200	3470454	211.357	ng/ul	0.02
73) Anthracene-d10	0.000	188	0d	0.000	ng/ul	
81) Pyrene-d10	0.000	212	0	0.000	ng/ul	
92) Benzo(a)pyrene-d12	0.000	264	0d	0.000	ng/ul	
Target Compounds						Qvalue
5) Pyridine	3.722	79	5793142	148.038	ng/ul	98
6) Benzaldehyde	6.934	77	2143033	91.266	ng/ul	99
8) Phenol	7.016	94	7965921	164.049	ng/ul	97
10) Bis(2-Chloroethyl)ether	7.222	93	5778120	153.941	ng/ul	98
13) 2-Methylphenol	8.240	108	6050955	170.238	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.305	45	5772779	148.724	ng/ul	97
16) Acetophenone	8.610	105	8971370	152.308	ng/ul	96
18) 4-Methylphenol	8.581	108	6584469	166.327	ng/ul	100
32) 4-Chloroaniline	10.734	127	8187716	147.425	ng/ul	98
34) Caprolactam	11.563	113	2406788m	168.458	ng/ul	
40) Hexachlorocyclopentadiene	12.581	237	4201531	170.872	ng/ul	99
51) 3-Nitroaniline	14.328	138	3679328	150.682	ng/ul	96
53) 2,4-Dinitrophenol	14.534	184	2653672	242.294	ng/ul#	89
55) 4-Nitrophenol	14.675	109	2490611	148.349	ng/ul	94
63) 4-Nitroaniline	15.522	138	3022199	124.140	ng/ul	96
66) 4,6-Dinitro-2-methylph...	15.569	198	3667068	199.089	ng/ul#	91
70) Atrazine	16.681	200	5277931	150.183	ng/ul	99
71) Pentachlorophenol	16.863	266	4488385	179.170	ng/ul	99
77) Carbazole	17.622	167	16770827m	108.524	ng/ul	
84) 3,3'-Dichlorobenzidine	21.563	252	9147043	161.566	ng/ul	98
89) Di-n-octyl phthalate	22.886	149	21878327m	122.418	ng/ul	

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