Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP012225\
Data File : BP023706.D
Acq On : 22 Jan 2025 16:50
Operator : RC/JU
Sample : SSTD16078
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTD160614

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 01/23/2025
Supervised By :mohammad ahmed 01/24/2025

Quant Time: Jan 22 23:57:51 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP012225.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jan 22 23:30:27 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.793	152	601224	20.000	ng/ul	0.00
20) Naphthalene-d8	10.575	136	2541875	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.422	164	1588141	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.222	188	3232490	20.000	ng/ul	0.01
79) Chrysene-d12	21.674	240	3263625	20.000	ng/ul	0.02
88) Perylene-d12	25.057	264	3482451	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	3.705	84	6743596	156.554	ng/ul	0.00
7) Phenol-d5	6.969	99	8417208	165.455	ng/ul	0.01
9) Bis-(2-Chloroethyl)eth...	7.134	67	4309459	149.971	ng/ul	0.00
11) 2-Chlorophenol-d4	0.000	132	0d	0.000	ng/ul	
15) 4-Methylphenol-d8	8.499	113	6513256	162.815	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	10.710	131	9113337	154.408	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	14.634	143	3924356	171.001	ng/ul	0.03
60) Fluorene-d10	0.000	176	0d	0.000	ng/ul	
65) 4,6-Dinitro-2-methylph...	15.557	200	3265408	205.134	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	3.722	79	6663655	153.019	ng/ul	98
6) Benzaldehyde	6.940	77	2321269	90.598	ng/ul	97
8) Phenol	6.999	94	8433925	158.436	ng/ul	97
10) Bis(2-Chloroethyl)ether	7.228	93	6288728	151.856	ng/ul	98
13) 2-Methylphenol	8.234	108	6315418	163.487	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.316	45	6210457	144.584	ng/ul	97
16) Acetophenone	8.616	105	9505480	147.955	ng/ul	96
18) 4-Methylphenol	8.569	108	6807536	158.497	ng/ul	97
32) 4-Chloroaniline	10.734	127	8450553	149.976	ng/ul	99
34) Caprolactam	11.534	113	2386300m	172.811	ng/ul	
40) Hexachlorocyclopentadiene	12.592	237	4111227	171.048	ng/ul	99
51) 3-Nitroaniline	14.322	138	3623888	151.834	ng/ul	94
53) 2,4-Dinitrophenol	14.528	184	2316337	230.703	ng/ul	91
55) 4-Nitrophenol	14.645	109	2645770	157.096	ng/ul	90
63) 4-Nitroaniline	15.516	138	3116136	128.322	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.575	198	3506020	195.843	ng/ul#	90
70) Atrazine	16.680	200	5630506	157.228	ng/ul	98
71) Pentachlorophenol	16.863	266	4638217	182.324	ng/ul	99
77) Carbazole	17.628	167	18085217m	113.568	ng/ul	
84) 3,3'-Dichlorobenzidine	21.574	252	9572989	166.205	ng/ul	99
89) Di-n-octyl phthalate	22.886	149	24931571m	142.906	ng/ul	

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