Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052124\
Data File : BG061254.D
Acq On : 21 May 2024 14:39
Operator : MA/JU
Sample : SSTD16090
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: May 21 15:14:41 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue May 21 15:06:53 2024
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTD160418

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 05/22/2024
Supervised By :mohammad ahmed 05/24/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.891	152	27711	20.000	ng/ul	0.00
20) Naphthalene-d8	10.688	136	116020	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.530	164	95807	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.280	188	219542	20.000	ng/ul	0.00
79) Chrysene-d12	21.540	240	221747	20.000	ng/ul	0.02
88) Perylene-d12	24.630	264	245792	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	3.749	84	267434	149.895	ng/ul	0.00
7) Phenol-d5	7.086	99	366312	161.215	ng/ul	0.02
9) Bis-(2-Chloroethyl)eth...	7.227	67	218608	151.145	ng/ul	0.01
11) 2-Chlorophenol-d4	0.000	132	0d	0.000	ng/ul	
15) 4-Methylphenol-d8	8.631	113	290536	147.364	ng/ul	0.03
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	10.834	131	401463	148.376	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	14.783	143	148326	161.828	ng/ul	0.04
60) Fluorene-d10	0.000	176	0d	0.000	ng/ul	
65) 4,6-Dinitro-2-methylph...	15.676	200	227355	174.278	ng/ul	0.03
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	3.766	79	268314	152.563	ng/ul	98
6) Benzaldehyde	7.033	77	122446	94.476	ng/ul	98
8) Phenol	7.109	94	377951	163.776	ng/ul	95
10) Bis(2-Chloroethyl)ether	7.321	93	262425	153.469	ng/ul	93
13) 2-Methylphenol	8.349	108	265772	145.159	ng/ul	94
14) 2,2'-oxybis(1-Chloropr...	8.425	45	653335	138.874	ng/ul	98
16) Acetophenone	8.725	105	464993	136.243	ng/ul	96
18) 4-Methylphenol	8.702	108	291312	143.258	ng/ul	98
32) 4-Chloroaniline	10.858	127	396747	147.365	ng/ul	98
34) Caprolactam	11.680	113	99674m	134.336	ng/ul	
40) Hexachlorocyclopentadiene	12.703	237	306743	234.984	ng/ul	92
51) 3-Nitroaniline	14.454	138	188644	139.447	ng/ul	98
53) 2,4-Dinitrophenol	14.665	184	153783	200.646	ng/ul	95
55) 4-Nitrophenol	14.800	109	179646	167.985	ng/ul	94
63) 4-Nitroaniline	15.635	138	191719	135.354	ng/ul	95
66) 4,6-Dinitro-2-methylph...	15.693	198	234573	170.854	ng/ul	95
70) Atrazine	16.751	200	306002	135.907	ng/ul	95
71) Pentachlorophenol	16.939	266	213898	233.352	ng/ul	93
77) Carbazole	17.691	167	1366311	150.695	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.434	252	601327	121.628	ng/ul	97
89) Di-n-octyl phthalate	22.597	149	1866455	149.859	ng/ul	100

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