Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070224\
Data File : BG061855.D
Acq On : 2 Jul 2024 22:00
Operator : MA/JU
Sample : SSTD16021
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Jul 03 02:30:12 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070224.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jul 03 02:04:38 2024
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTD160402

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 07/03/2024
Supervised By :mohammad ahmed 07/04/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.099	152	48744	20.000	ng/ul	0.00
20) Naphthalene-d8	10.919	136	255000	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.721	164	174079	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.471	188	394803	20.000	ng/ul	0.01
79) Chrysene-d12	21.736	240	329798	20.000	ng/ul	0.01
88) Perylene-d12	24.985	264	403430	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	3.904	84	620252	152.035	ng/ul	0.00
7) Phenol-d5	7.265	99	862545	163.002	ng/ul	0.01
9) Bis-(2-Chloroethyl)eth...	7.429	67	517617	156.916	ng/ul	0.01
11) 2-Chlorophenol-d4	0.000	132	0d	0.000	ng/ul	
15) 4-Methylphenol-d8	8.828	113	673144	164.552	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	11.055	131	918243	146.062	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	14.944	143	353401	153.608	ng/ul	0.03
60) Fluorene-d10	0.000	176	0d	0.000	ng/ul	
65) 4,6-Dinitro-2-methylph...	15.849	200	366751	217.243	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	3.922	79	643891	146.821	ng/ul	93
6) Benzaldehyde	7.235	77	316594	121.582	ng/ul	92
8) Phenol	7.294	94	887791	159.431	ng/ul	93
10) Bis(2-Chloroethyl)ether	7.523	93	648976	154.842	ng/ul	96
13) 2-Methylphenol	8.546	108	619807	159.087	ng/ul	96
14) 2,2'-oxybis(1-Chloropr...	8.622	45	1421062	165.958	ng/ul	99
16) Acetophenone	8.939	105	1032705	153.313	ng/ul	93
18) 4-Methylphenol	8.892	108	680642	155.941	ng/ul	96
32) 4-Chloroaniline	11.084	127	894763	143.508	ng/ul	99
34) Caprolactam	11.901	113	225007m	143.032	ng/ul	
40) Hexachlorocyclopentadiene	12.899	237	603308	205.816	ng/ul	98
51) 3-Nitroaniline	14.644	138	366288	162.034	ng/ul	97
53) 2,4-Dinitrophenol	14.844	184	256762	228.894	ng/ul	97
55) 4-Nitrophenol	14.968	109	408234	171.827	ng/ul	96
63) 4-Nitroaniline	15.820	138	366119	152.877	ng/ul	94
66) 4,6-Dinitro-2-methylph...	15.861	198	387010	202.388	ng/ul#	88
70) Atrazine	16.930	200	631698	154.904	ng/ul	94
71) Pentachlorophenol	17.112	266	478093	159.099	ng/ul	96
77) Carbazole	17.876	167	2570055	142.508	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.630	252	1063292	152.479	ng/ul	99
89) Di-n-octyl phthalate	22.841	149	3461575	162.681	ng/ul	100

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