Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG073124\
Data File : BG062219.D
Acq On : 31 Jul 2024 14:33
Operator : MA/JU
Sample : SSTD16039
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Aug 01 02:15:54 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG073124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jul 31 16:23:55 2024
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTD160423

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/03/2024
Supervised By :mohammad ahmed 08/03/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.984	152	36856	20.000	ng/ul	0.00
20) Naphthalene-d8	10.780	136	178702	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.604	164	135148	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.348	188	298457	20.000	ng/ul	0.00
79) Chrysene-d12	21.607	240	277005	20.000	ng/ul	0.02
88) Perylene-d12	24.726	264	317316	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	3.842	84	447433	169.183	ng/ul	0.00
7) Phenol-d5	7.144	99	592424	167.962	ng/ul	0.02
9) Bis-(2-Chloroethyl)eth...	7.320	67	347475	159.742	ng/ul	0.01
11) 2-Chlorophenol-d4	0.000	132	0d	0.000	ng/ul	
15) 4-Methylphenol-d8	8.695	113	496906	169.268	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	10.915	131	674025	153.219	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	14.810	143	237453	194.255	ng/ul	0.04
60) Fluorene-d10	0.000	176	0d	0.000	ng/ul	
65) 4,6-Dinitro-2-methylph...	15.726	200	176223	249.084	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	3.860	79	465092	164.926	ng/ul	98
6) Benzaldehyde	7.120	77	207663	109.076	ng/ul	99
8) Phenol	7.173	94	609244	167.459	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.414	93	431506	157.197	ng/ul	95
13) 2-Methylphenol	8.419	108	467734	166.537	ng/ul	94
14) 2,2'-oxybis(1-Chloropr...	8.518	45	931561	159.483	ng/ul	98
16) Acetophenone	8.812	105	752067	157.746	ng/ul	98
18) 4-Methylphenol	8.771	108	520087	168.118	ng/ul	98
32) 4-Chloroaniline	10.945	127	641559	151.790	ng/ul	98
34) Caprolactam	11.743	113	168259m	152.211	ng/ul	
40) Hexachlorocyclopentadiene	12.789	237	381112	183.489	ng/ul	98
51) 3-Nitroaniline	14.516	138	237411	191.294	ng/ul#	92
53) 2,4-Dinitrophenol	14.716	184	122740	235.307	ng/ul#	83
55) 4-Nitrophenol	14.828	109	214430	181.386	ng/ul	92
63) 4-Nitroaniline	15.691	138	238812	173.085	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.744	198	199142	251.338	ng/ul	98
70) Atrazine	16.831	200	474387	148.427	ng/ul	98
71) Pentachlorophenol	16.995	266	345102	157.574	ng/ul	96
77) Carbazole	17.753	167	1971958	144.154	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.501	252	819653	136.092	ng/ul	97
89) Di-n-octyl phthalate	22.729	149	2709811	152.106	ng/ul	100

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

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