Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121124\
Data File : BG063656.D
Acq On : 11 Dec 2024 17:52
Operator : RC/JU
Sample : SSTD16093
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD160436

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 12/12/2024
Supervised By :mohammad ahmed 12/12/2024

Quant Time: Dec 11 23:51:46 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Dec 11 23:17:50 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.812	152	192630	20.000	ng/ul	0.00
20) Naphthalene-d8	10.609	136	829688	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.457	164	580694	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.213	188	1327159	20.000	ng/ul	0.00
79) Chrysene-d12	21.473	240	1284789	20.000	ng/ul	0.01
88) Perylene-d12	24.493	264	1434630	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	3.688	84	2393338	148.273	ng/ul	0.00
7) Phenol-d5	7.007	99	2809190	148.118	ng/ul	0.01
9) Bis-(2-Chloroethyl)eth...	7.154	67	1903974	148.475	ng/ul	0.00
11) 2-Chlorophenol-d4	0.000	132	0d	0.000	ng/ul	
15) 4-Methylphenol-d8	8.552	113	2136049	151.903	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	10.750	131	2416859	139.373	ng/ul	0.00
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	14.704	143	989427	183.090	ng/ul	0.03
60) Fluorene-d10	0.000	176	0d	0.000	ng/ul	
65) 4,6-Dinitro-2-methylph...	15.603	200	1200474	160.119	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	3.705	79	2497152	148.972	ng/ul	96
6) Benzaldehyde	6.960	77	1178027	97.063	ng/ul	95
8) Phenol	7.037	94	2948760	144.632	ng/ul	93
10) Bis(2-Chloroethyl)ether	7.248	93	2177222	154.566	ng/ul	92
13) 2-Methylphenol	8.270	108	2097366	147.425	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.335	45	3144047	165.982	ng/ul	96
16) Acetophenone	8.646	105	3329324	128.611	ng/ul	96
18) 4-Methylphenol	8.623	108	2284199	146.216	ng/ul	95
32) 4-Chloroaniline	10.779	127	2262371	137.723	ng/ul	95
34) Caprolactam	11.590	113	688057m	146.125	ng/ul	
40) Hexachlorocyclopentadiene	12.624	237	1496208	158.758	ng/ul	99
51) 3-Nitroaniline	14.381	138	1076374	162.118	ng/ul	94
53) 2,4-Dinitrophenol	14.592	184	832539	214.085	ng/ul#	87
55) 4-Nitrophenol	14.722	109	1057520	127.369	ng/ul	85
63) 4-Nitroaniline	15.562	138	1048918m	146.911	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.621	198	1221362	163.157	ng/ul#	99
70) Atrazine	16.690	200	1972740	135.788	ng/ul	97
71) Pentachlorophenol	16.872	266	1225830	206.533	ng/ul	100
77) Carbazole	17.624	167	6359377	117.581	ng/ul#	79
84) 3,3'-Dichlorobenzidine	21.373	252	3173318	144.282	ng/ul	99
89) Di-n-octyl phthalate	22.501	149	7769151	154.958	ng/ul	100

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

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