Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091423\
Data File : BG059065.D
Acq On : 14 Sep 2023 15:11
Operator : MA/JU
Sample : SSTD16018
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD160419

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 09/15/2023
Supervised By :mohammad ahmed 09/15/2023

Quant Time: Sep 14 15:57:46 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG091423.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Sep 14 15:44:37 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.306	152	91706	20.000	ng/ul	0.00
20) Naphthalene-d8	11.149	136	476119	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.933	164	354472	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.689	188	897799	20.000	ng/ul	# 0.00
79) Chrysene-d12	22.019	240	825385	20.000	ng/ul	# 0.01
88) Perylene-d12	25.579	264	951849	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	4.040	84	1112470	176.149	ng/ul	0.00
7) Phenol-d5	7.424	99	1601080	170.810	ng/ul	0.01
9) Bis-(2-Chloroethyl)eth...	7.630	67	855833	157.584	ng/ul	0.01
11) 2-Chlorophenol-d4	0.000	132	0d	0.000	ng/ul	
15) 4-Methylphenol-d8	8.999	113	1284985	168.197	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	11.302	131	1690006	144.540	ng/ul	0.02
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	15.139	143	738730	144.068	ng/ul	0.04
60) Fluorene-d10	0.000	176	0d	0.000	ng/ul	
65) 4,6-Dinitro-2-methylph...	16.055	200	887627	167.037	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	4.064	79	1175881	178.669	ng/ul	91
6) Benzaldehyde	7.448	77	623222	109.540	ng/ul	91
8) Phenol	7.460	94	1695035	166.358	ng/ul	94
10) Bis(2-Chloroethyl)ether	7.724	93	1135452	159.840	ng/ul	89
13) 2-Methylphenol	8.729	108	1299785	164.653	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.817	45	1306360	154.051	ng/ul	97
16) Acetophenone	9.163	105	2065130	159.857	ng/ul	96
18) 4-Methylphenol	9.081	108	1449310	166.840	ng/ul	100
32) 4-Chloroaniline	11.326	127	1607902	144.021	ng/ul	100
34) Caprolactam	12.160	113	432611m	138.790	ng/ul	
40) Hexachlorocyclopentadiene	13.076	237	1355007	164.065	ng/ul	94
51) 3-Nitroaniline	14.874	138	738391	136.122	ng/ul	90
53) 2,4-Dinitrophenol	15.068	184	633537	179.992	ng/ul	94
55) 4-Nitrophenol	15.151	109	1022956	162.951	ng/ul#	85
63) 4-Nitroaniline	16.055	138	651293m	126.171	ng/ul	
66) 4,6-Dinitro-2-methylph...	16.067	198	897623	156.021	ng/ul	96
70) Atrazine	17.131	200	1261253	121.858	ng/ul	95
71) Pentachlorophenol	17.307	266	1172471	160.678	ng/ul	97
77) Carbazole	18.106	167	4963622	125.849	ng/ul#	87
84) 3,3'-Dichlorobenzidine	21.907	252	2330444	118.328	ng/ul	97
89) Di-n-octyl phthalate	23.159	149	6192409	128.019	ng/ul	100

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