Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091923\
Data File : BG059098.D
Acq On : 19 Sep 2023 21:06
Operator : MA/JU
Sample : SSTD16030
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD160433

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 09/20/2023
Supervised By :mohammad ahmed 09/21/2023

Quant Time: Sep 20 04:17:18 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG091923.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Sep 20 03:48:48 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.300	152	32878	20.000	ng/ul	0.00
20) Naphthalene-d8	11.143	136	158469	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.933	164	96746	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.683	188	212354	20.000	ng/ul	0.00
79) Chrysene-d12	22.007	240	179134	20.000	ng/ul	0.01
88) Perylene-d12	25.562	264	223719m	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	392887	152.549	ng/ul	0.00
7) Phenol-d5	7.424	99	508963	155.991	ng/ul	0.02
9) Bis-(2-Chloroethyl)eth...	7.630	67	304454	151.161	ng/ul	0.01
11) 2-Chlorophenol-d4	0.000	132	0d	0.000	ng/ul	
15) 4-Methylphenol-d8	8.999	113	402121	151.236	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	11.296	131	562306	146.463	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	15.133	143	217831	150.150	ng/ul	0.03
60) Fluorene-d10	0.000	176	0d	0.000	ng/ul	
65) 4,6-Dinitro-2-methylph...	16.049	200	207291	171.129	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	4.063	79	392866	149.958	ng/ul	98
6) Benzaldehyde	7.448	77	200223	116.875	ng/ul	95
8) Phenol	7.454	94	515313	152.827	ng/ul	97
10) Bis(2-Chloroethyl)ether	7.724	93	408087	155.051	ng/ul	97
13) 2-Methylphenol	8.723	108	384318	142.140	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.811	45	853615	154.123	ng/ul	100
16) Acetophenone	9.157	105	604805	140.973	ng/ul	96
18) 4-Methylphenol	9.075	108	420054	141.716	ng/ul	93
32) 4-Chloroaniline	11.326	127	548298	148.446	ng/ul	97
34) Caprolactam	12.148	113	128054m	134.167	ng/ul	
40) Hexachlorocyclopentadiene	13.076	237	306955	194.078	ng/ul	95
51) 3-Nitroaniline	14.868	138	234099	149.672	ng/ul	99
53) 2,4-Dinitrophenol	15.062	184	164664	199.301	ng/ul	93
55) 4-Nitrophenol	15.150	109	141236	135.186	ng/ul	92
63) 4-Nitroaniline	16.049	138	217289m	147.474	ng/ul	
66) 4,6-Dinitro-2-methylph...	16.061	198	223188	171.403	ng/ul#	97
70) Atrazine	17.125	200	318735	141.130	ng/ul	97
71) Pentachlorophenol	17.307	266	245746	161.986	ng/ul	97
77) Carbazole	18.100	167	1506773	139.306	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.901	252	595126	138.223	ng/ul	99
89) Di-n-octyl phthalate	23.147	149	2089032	139.195	ng/ul	100

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