Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG053122\
Data File : BG053769.D
Acq On : 31 May 2022 20:37
Operator : CG/JU
Sample : SSTD16026
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD160426

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 06/01/2022
Supervised By :mohammad ahmed 06/06/2022

Quant Time: May 31 23:16:10 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG053122.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue May 31 23:09:35 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.105	152	22027	20.000	ng/ul	0.00
20) Naphthalene-d8	10.919	136	86764	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.732	164	61070	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.476	188	148610	20.000	ng/ul	0.00
79) Chrysene-d12	21.759	240	154161	20.000	ng/ul	0.01
88) Perylene-d12	25.044	264	164079	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	3.945	84	219831	141.207	ng/ul	0.00
7) Phenol-d5	7.259	99	271502	137.618	ng/ul	0.01
9) Bis-(2-Chloroethyl)eth...	7.429	67	168594	139.920	ng/ul	0.00
11) 2-Chlorophenol-d4	0.000	132	0d	0.000	ng/ul	
15) 4-Methylphenol-d8	8.816	113	218135	152.636	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	11.048	131	303829	160.407	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	14.920	143	119079	150.959	ng/ul	0.03
60) Fluorene-d10	0.000	176	0d	0.000	ng/ul	
65) 4,6-Dinitro-2-methylph...	15.843	200	119806	158.416	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	3.968	79	224785	133.629	ng/ul	98
6) Benzaldehyde	7.241	77	65289	49.780	ng/ul	96
8) Phenol	7.288	94	282470	148.558	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.523	93	212353	148.042	ng/ul	94
13) 2-Methylphenol	8.539	108	217306	147.050	ng/ul	96
14) 2,2'-oxybis(1-Chloropr...	8.639	45	349661	149.969	ng/ul	99
16) Acetophenone	8.939	105	325704m	146.088	ng/ul	
18) 4-Methylphenol	8.886	108	227446	147.727	ng/ul	93
32) 4-Chloroaniline	11.072	127	298171	160.203	ng/ul	99
34) Caprolactam	11.877	113	65296m	155.595	ng/ul	
40) Hexachlorocyclopentadiene	12.922	237	232256	166.201	ng/ul	97
51) 3-Nitroaniline	14.626	138	102715	125.468	ng/ul#	97
53) 2,4-Dinitrophenol	14.832	184	76919	152.660	ng/ul#	60
55) 4-Nitrophenol	14.938	109	108123	130.242	ng/ul	96
63) 4-Nitroaniline	15.801	138	90154	111.984	ng/ul	96
66) 4,6-Dinitro-2-methylph...	15.860	198	113740	153.711	ng/ul#	96
70) Atrazine	16.935	200	272527	165.498	ng/ul	98
71) Pentachlorophenol	17.123	266	190558	164.864	ng/ul	92
77) Carbazole	17.875	167	990951	143.796	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.648	252	455193	131.740	ng/ul	96
89) Di-n-octyl phthalate	22.899	149	1311397	153.448	ng/ul	100

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