Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG022323\
Data File : BG056713.D
Acq On : 23 Feb 2023 14:59
Operator : CG/JU
Sample : SSTD16064
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Feb 23 15:34:36 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG022323.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Feb 23 15:03:44 2023
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTD160419

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 02/24/2023
Supervised By :mohammad ahmed 02/24/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.429	152	17946	20.000	ng/ul	0.00
20) Naphthalene-d8	11.267	136	77982	20.000	ng/ul	0.00
38) Acenaphthene-d10	15.033	164	58300	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.765	188	138110	20.000	ng/ul	0.00
79) Chrysene-d12	22.089	240	112778	20.000	ng/ul	0.02
88) Perylene-d12	25.626	264	121295	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	4.140	84	203102m	154.457	ng/ul	0.00
7) Phenol-d5	7.559	99	285356	158.625	ng/ul	0.02
9) Bis-(2-Chloroethyl)eth...	7.736	67	164896	148.335	ng/ul	0.01
11) 2-Chlorophenol-d4	0.000	132	0d	0.000	ng/ul	
15) 4-Methylphenol-d8	9.134	113	213403	154.439	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	11.396	131	297662	154.692	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	15.215	143	123055	149.801	ng/ul	0.03
60) Fluorene-d10	0.000	176	0d	0.000	ng/ul	
65) 4,6-Dinitro-2-methylph...	16.132	200	154178	168.665	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	4.163	79	209651	149.638	ng/ul	95
6) Benzaldehyde	7.548	77	87241	83.906	ng/ul	99
8) Phenol	7.589	94	288164	156.656	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.830	93	198094	150.371	ng/ul	99
13) 2-Methylphenol	8.858	108	215630	155.109	ng/ul	97
14) 2,2'-oxybis(1-Chloropr...	8.952	45	262889	148.075	ng/ul	97
16) Acetophenone	9.263	105	353955	148.459	ng/ul	98
18) 4-Methylphenol	9.204	108	230804	152.242	ng/ul	95
32) 4-Chloroaniline	11.419	127	286268	149.135	ng/ul	92
34) Caprolactam	12.213	113	69042m	139.423	ng/ul	
40) Hexachlorocyclopentadiene	13.229	237	257328	177.553	ng/ul	97
51) 3-Nitroaniline	14.933	138	119397	131.141	ng/ul#	95
53) 2,4-Dinitrophenol	15.133	184	110308	179.984	ng/ul#	82
55) 4-Nitrophenol	15.233	109	145144	153.328	ng/ul	97
63) 4-Nitroaniline	16.102	138	113804	127.294	ng/ul	92
66) 4,6-Dinitro-2-methylph...	16.149	198	148398	168.618	ng/ul	97
70) Atrazine	17.207	200	253201	149.877	ng/ul	97
71) Pentachlorophenol	17.412	266	182274	173.625	ng/ul	97
77) Carbazole	18.164	167	940861	146.164	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.960	252	363117	122.380	ng/ul	98
89) Di-n-octyl phthalate	23.241	149	1016783	152.805	ng/ul	100

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