Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG010423\
Data File : BG056205.D
Acq On : 4 Jan 2023 18:29
Operator : CG/JU
Sample : SSTD16052
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD160405

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 01/05/2023
Supervised By :mohammad ahmed 01/05/2023

Quant Time: Jan 05 00:20:49 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG010423.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jan 05 00:14:25 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.334	152	49821	20.000	ng/ul	0.00
20) Naphthalene-d8	11.172	136	202122	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.950	164	159244	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.688	188	380918	20.000	ng/ul	0.00
79) Chrysene-d12	21.989	240	355443	20.000	ng/ul	0.01
88) Perylene-d12	25.449	264	382559	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	4.068	84	576469	148.552	ng/ul	0.00
7) Phenol-d5	7.482	99	738633	163.441	ng/ul	0.02
9) Bis-(2-Chloroethyl)eth...	7.652	67	285549	160.314	ng/ul	0.01
11) 2-Chlorophenol-d4	0.000	132	0d	0.000	ng/ul	
15) 4-Methylphenol-d8	9.045	113	573062	168.489	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	11.307	131	730444	151.093	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	15.150	143	310466	167.345	ng/ul	0.04
60) Fluorene-d10	0.000	176	0d	0.000	ng/ul	
65) 4,6-Dinitro-2-methylph...	16.060	200	454211	185.491	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	4.092	79	553853	148.402	ng/ul#	96
6) Benzaldehyde	7.464	77	210669	126.977	ng/ul	95
8) Phenol	7.511	94	717074	159.434	ng/ul	95
10) Bis(2-Chloroethyl)ether	7.746	93	476749	161.035	ng/ul	97
13) 2-Methylphenol	8.775	108	561562	166.292	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.863	45	89366	235.010	ng/ul	82
16) Acetophenone	9.180	105	858339	152.354	ng/ul	97
18) 4-Methylphenol	9.121	108	598195	163.532	ng/ul	98
32) 4-Chloroaniline	11.330	127	740209	151.944	ng/ul	94
34) Caprolactam	12.135	113	182989m	140.208	ng/ul	
40) Hexachlorocyclopentadiene	13.140	237	766843	180.084	ng/ul	96
51) 3-Nitroaniline	14.856	138	303806	167.661	ng/ul	98
53) 2,4-Dinitrophenol	15.061	184	326222	173.739	ng/ul#	90
55) 4-Nitrophenol	15.161	109	298454	165.354	ng/ul	89
63) 4-Nitroaniline	16.031	138	288119	166.637	ng/ul	92
66) 4,6-Dinitro-2-methylph...	16.078	198	427777	182.213	ng/ul	98
70) Atrazine	17.130	200	719333	156.316	ng/ul	99
71) Pentachlorophenol	17.329	266	519444	174.804	ng/ul	97
77) Carbazole	18.087	167	2460310	152.015	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.865	252	1164424	145.806	ng/ul	99
89) Di-n-octyl phthalate	23.122	149	2769125	195.600	ng/ul	100

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