Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG013122\
Data File : BG052219.D
Acq On : 31 Jan 2022 16:48
Operator : CG/JU
Sample : SSTD16054
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Jan 31 17:52:21 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG013122.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jan 31 15:44:22 2022
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTD160405

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 02/01/2022
Supervised By :mohammad ahmed 02/01/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.237	152	46003	20.000	ng/ul	0.00
20) Naphthalene-d8	11.080	136	183947	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.886	164	124075	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.636	188	278716m	20.000	ng/ul	0.00
79) Chrysene-d12	21.959	240	246425	20.000	ng/ul	# 0.01
88) Perylene-d12	25.443	264	257426	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	3.989	84	555882	138.899	ng/ul	0.00
7) Phenol-d5	7.397	99	659225	146.414	ng/ul	0.02
9) Bis-(2-Chloroethyl)eth...	7.555	67	385314	134.810	ng/ul	0.01
11) 2-Chlorophenol-d4	0.000	132	0d	0.000	ng/ul	
15) 4-Methylphenol-d8	8.965	113	497604	142.171	ng/ul	0.03
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	11.215	131	637249	145.629	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	15.098	143	248680	145.031	ng/ul	0.04
60) Fluorene-d10	0.000	176	0d	0.000	ng/ul	
65) 4,6-Dinitro-2-methylph...	16.008	200	299440	170.303	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	4.013	79	558410	133.182	ng/ul	99
6) Benzaldehyde	7.361	77	190643	63.652	ng/ul	96
8) Phenol	7.426	94	640623	139.399	ng/ul	92
10) Bis(2-Chloroethyl)ether	7.649	93	471860	140.266	ng/ul	97
13) 2-Methylphenol	8.689	108	492792	147.460	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.771	45	655060	127.664	ng/ul#	95
16) Acetophenone	9.082	105	738286	133.651	ng/ul	97
18) 4-Methylphenol	9.041	108	508089	140.356	ng/ul	91
32) 4-Chloroaniline	11.244	127	639720	143.453	ng/ul	98
34) Caprolactam	12.049	113	159310m	132.645	ng/ul	
40) Hexachlorocyclopentadiene	13.071	237	465689	158.176	ng/ul	97
51) 3-Nitroaniline	14.792	138	193229	100.185	ng/ul	94
53) 2,4-Dinitrophenol	14.998	184	208910	166.186	ng/ul	91
55) 4-Nitrophenol	15.115	109	261237	132.766	ng/ul	85
63) 4-Nitroaniline	15.961	138	155759	78.602	ng/ul	88
66) 4,6-Dinitro-2-methylph...	16.026	198	281381m	167.390	ng/ul	
70) Atrazine	17.083	200	503288	144.848	ng/ul	97
71) Pentachlorophenol	17.289	266	345969	171.192	ng/ul	96
77) Carbazole	18.041	167	1800039	136.648	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.836	252	613515	107.852	ng/ul#	95
89) Di-n-octyl phthalate	23.116	149	2166228	152.334	ng/ul	100

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

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