Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110221\
Data File : BG050807.D
Acq On : 1 Nov 2021 22:12
Operator : CG/JU
Sample : SSTD16059
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Nov 02 01:10:00 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG110221.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Nov 02 00:48:48 2021
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTD160410

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 11/02/2021
Supervised By :mohammad ahmed 11/03/2021

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.234	152	33372	20.000	ng/ul	0.00
20) Naphthalene-d8	11.060	136	152039	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.862	164	101509	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.606	188	219187	20.000	ng/ul	0.00
79) Chrysene-d12	21.912	240	179299	20.000	ng/ul	0.00
88) Perylene-d12	25.314	264	179636	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	0.000	96	0d	0.000	ng/uL	
4) Pyridine-d5	4.016	84	466393	173.886	ng/ul	0.00
7) Phenol-d5	7.388	99	544216	175.490	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.553	67	331525	166.161	ng/ul	0.00
11) 2-Chlorophenol-d4	0.000	132	0d	0.000	ng/ul	
15) 4-Methylphenol-d8	8.951	113	416885	174.109	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	11.201	131	549434	162.894	ng/ul	0.00
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	15.073	143	219970	169.544	ng/ul	0.03
60) Fluorene-d10	0.000	176	0d	0.000	ng/ul	
65) 4,6-Dinitro-2-methylph...	15.984	200	224520	175.042	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	4.033	79	478719	171.644	ng/ul	99
6) Benzaldehyde	7.371	77	167807	108.448	ng/ul	99
8) Phenol	7.418	94	544145	168.203	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.653	93	397830	163.001	ng/ul	99
13) 2-Methylphenol	8.675	108	409492	170.964	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.763	45	608000	157.792	ng/ul	99
16) Acetophenone	9.075	105	609904	162.641	ng/ul	96
18) 4-Methylphenol	9.022	108	427445	169.208	ng/ul	91
32) 4-Chloroaniline	11.225	127	538833	159.063	ng/ul	98
34) Caprolactam	12.030	113	147763m	160.327	ng/ul	
40) Hexachlorocyclopentadiene	13.035	237	248683	164.071	ng/ul	94
51) 3-Nitroaniline	14.774	138	207056	144.448	ng/ul	99
53) 2,4-Dinitrophenol	14.979	184	168047	203.110	ng/ul	90
55) 4-Nitrophenol	15.091	109	205553	164.754	ng/ul	97
63) 4-Nitroaniline	15.949	138	191001	142.345	ng/ul	96
66) 4,6-Dinitro-2-methylph...	15.996	198	216895	175.048	ng/ul#	98
70) Atrazine	17.059	200	382662	153.474	ng/ul	96
71) Pentachlorophenol	17.253	266	215563m	200.562	ng/ul	
77) Carbazole	18.017	167	1468261	144.669	ng/ul#	93
84) 3,3'-Dichlorobenzidine	21.795	252	559212	140.611	ng/ul	97
89) Di-n-octyl phthalate	23.029	149	1938443	148.217	ng/ul	100

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