Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090924\
Data File : BG062693.D
Acq On : 9 Sep 2024 17:46
Operator : JU/RC
Sample : SSTD16057
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD160443

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 09/10/2024
Supervised By :mohammad ahmed 09/12/2024

Quant Time: Sep 10 01:13:06 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG090924.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Sep 10 00:41:25 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.904	152	72174	20.000	ng/ul	0.00
20) Naphthalene-d8	10.701	136	335775	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.538	164	263044	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.282	188	645018	20.000	ng/ul	0.00
79) Chrysene-d12	21.535	240	628368	20.000	ng/ul	0.01
88) Perylene-d12	24.597	264	688385	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	3.768	84	819445	161.233	ng/ul	0.00
7) Phenol-d5	7.082	99	1063404	168.026	ng/ul	0.01
9) Bis-(2-Chloroethyl)eth...	7.240	67	597633	157.504	ng/ul	0.00
11) 2-Chlorophenol-d4	0.000	132	0d	0.000	ng/ul	
15) 4-Methylphenol-d8	8.627	113	885464	167.893	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	10.842	131	1184931	150.819	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	14.767	143	542578	157.677	ng/ul	0.03
60) Fluorene-d10	0.000	176	0d	0.000	ng/ul	
65) 4,6-Dinitro-2-methylph...	15.672	200	646263	174.182	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	3.786	79	844362	158.397	ng/ul	95
6) Benzaldehyde	7.047	77	413572m	119.940	ng/ul	
8) Phenol	7.111	94	1087970	165.373	ng/ul	97
10) Bis(2-Chloroethyl)ether	7.334	93	766960	154.215	ng/ul	94
13) 2-Methylphenol	8.351	108	818519	165.916	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.427	45	1410769	157.600	ng/ul	100
16) Acetophenone	8.739	105	1341518	156.505	ng/ul	97
18) 4-Methylphenol	8.703	108	920864	165.915	ng/ul	99
32) 4-Chloroaniline	10.866	127	1168164	149.501	ng/ul	99
34) Caprolactam	11.682	113	315769m	153.438	ng/ul	
40) Hexachlorocyclopentadiene	12.710	237	825988	178.509	ng/ul	94
51) 3-Nitroaniline	14.455	138	546259	148.459	ng/ul	93
53) 2,4-Dinitrophenol	14.655	184	479627	197.636	ng/ul	98
55) 4-Nitrophenol	14.785	109	493455	159.533	ng/ul	98
63) 4-Nitroaniline	15.636	138	570325	144.038	ng/ul	94
66) 4,6-Dinitro-2-methylph...	15.689	198	652358	169.621	ng/ul#	96
70) Atrazine	16.759	200	1018621	138.256	ng/ul	99
71) Pentachlorophenol	16.935	266	859220	169.508	ng/ul	97
77) Carbazole	17.693	167	3770380	132.960	ng/ul#	90
84) 3,3'-Dichlorobenzidine	21.436	252	1669175	126.173	ng/ul	99
89) Di-n-octyl phthalate	22.593	149	4578787	142.996	ng/ul	100

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