Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081424\
Data File : BG062395.D
Acq On : 14 Aug 2024 14:53
Operator : MA/JU
Sample : SSTD16051
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Aug 14 15:30:23 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG081424.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Aug 14 15:13:32 2024
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTD160436

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/15/2024
Supervised By :mohammad ahmed 08/16/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.958	152	47584	20.000	ng/ul	0.00
20) Naphthalene-d8	10.754	136	234190	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.579	164	181554	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.322	188	393085	20.000	ng/ul	0.00
79) Chrysene-d12	21.575	240	384796	20.000	ng/ul	0.01
88) Perylene-d12	24.671	264	438593	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	3.823	84	582818	164.338	ng/ul	0.00
7) Phenol-d5	7.130	99	794467	173.759	ng/ul	0.01
9) Bis-(2-Chloroethyl)eth...	7.294	67	463184	163.495	ng/ul	0.01
11) 2-Chlorophenol-d4	0.000	132	0d	0.000	ng/ul	
15) 4-Methylphenol-d8	8.675	113	652735	170.617	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	10.895	131	909710	157.553	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	14.796	143	364006	179.157	ng/ul	0.03
60) Fluorene-d10	0.000	176	0d	0.000	ng/ul	
65) 4,6-Dinitro-2-methylph...	15.707	200	358615	279.383	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	3.846	79	610375	164.988	ng/ul	91
6) Benzaldehyde	7.101	77	250397	101.406	ng/ul	98
8) Phenol	7.159	94	822569	170.372	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.388	93	575299	161.271	ng/ul	100
13) 2-Methylphenol	8.405	108	599453	165.024	ng/ul	97
14) 2,2'-oxybis(1-Chloropr...	8.481	45	1167284	159.573	ng/ul	98
16) Acetophenone	8.787	105	997834	163.012	ng/ul	99
18) 4-Methylphenol	8.751	108	699614	170.760	ng/ul	96
32) 4-Chloroaniline	10.919	127	884224	156.730	ng/ul	97
34) Caprolactam	11.724	113	234476m	162.976	ng/ul	
40) Hexachlorocyclopentadiene	12.764	237	538185	220.252	ng/ul	99
51) 3-Nitroaniline	14.496	138	361890	161.412	ng/ul	98
53) 2,4-Dinitrophenol	14.696	184	265424	305.403	ng/ul	91
55) 4-Nitrophenol	14.814	109	318899	179.232	ng/ul	97
63) 4-Nitroaniline	15.671	138	353877	160.426	ng/ul	96
66) 4,6-Dinitro-2-methylph...	15.724	198	391821	266.859	ng/ul#	97
70) Atrazine	16.799	200	687190	150.917	ng/ul	99
71) Pentachlorophenol	16.975	266	529496	189.821	ng/ul	99
77) Carbazole	17.727	167	2594065	138.932	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.469	252	989292	113.298	ng/ul	96
89) Di-n-octyl phthalate	22.656	149	3433393	139.150	ng/ul	100

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