Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080524\
Data File : BG062237.D
Acq On : 5 Aug 2024 14:03
Operator : MA/JU
Sample : SSTD16045
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Aug 05 14:47:23 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG080524.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Aug 05 13:57:25 2024
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTD160430

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 08/06/2024
Supervised By :mohammad ahmed 08/08/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.964	152	55079	20.000	ng/ul	0.00
20) Naphthalene-d8	10.767	136	243096	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.591	164	175733	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.334	188	365402	20.000	ng/ul	0.00
79) Chrysene-d12	21.587	240	346246	20.000	ng/ul	0.01
88) Perylene-d12	24.683	264	403125	20.000	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	0.000	96	0d	0.000	ng/uL	
4) Pyridine-d5	3.829	84	615269	151.474	ng/ul	0.00
7) Phenol-d5	7.136	99	839855	159.693	ng/ul	0.02
9) Bis-(2-Chloroethyl)eth...	7.306	67	486100	147.946	ng/ul	0.01
11) 2-Chlorophenol-d4	0.000	132	0d	0.000	ng/ul	
15) 4-Methylphenol-d8	8.681	113	671437	151.754	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	10.902	131	885774	146.623	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	301928	158.829	ng/ul	0.03
60) Fluorene-d10	0.000	176	0d	0.000	ng/ul	
65) 4,6-Dinitro-2-methylph...	15.713	200	231853	234.094	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	3.852	79	635625	150.334	ng/ul	95
6) Benzaldehyde	7.107	77	300201	99.363	ng/ul	97
8) Phenol	7.165	94	878035	157.861	ng/ul	95
10) Bis(2-Chloroethyl)ether	7.400	93	603129	143.726	ng/ul	99
13) 2-Methylphenol	8.411	108	638244	150.843	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.493	45	1255671	147.081	ng/ul	99
16) Acetophenone	8.804	105	1013685	142.113	ng/ul	94
18) 4-Methylphenol	8.757	108	719788	152.167	ng/ul	94
32) 4-Chloroaniline	10.931	127	855478	144.489	ng/ul	99
34) Caprolactam	11.742	113	216445m	146.571	ng/ul	
40) Hexachlorocyclopentadiene	12.776	237	414104	193.497	ng/ul	99
51) 3-Nitroaniline	14.503	138	323233	151.207	ng/ul#	98
53) 2,4-Dinitrophenol	14.702	184	170411	259.465	ng/ul#	80
55) 4-Nitrophenol	14.814	109	269497	158.407	ng/ul	96
63) 4-Nitroaniline	15.678	138	301476	145.232	ng/ul	96
66) 4,6-Dinitro-2-methylph...	15.730	198	269877	237.376	ng/ul	99
70) Atrazine	16.811	200	621670	145.513	ng/ul	99
71) Pentachlorophenol	16.982	266	467172	190.081	ng/ul	98
77) Carbazole	17.734	167	2387013	133.288	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.481	252	1016099	124.603	ng/ul	99
89) Di-n-octyl phthalate	22.697	149	3305249	140.409	ng/ul	100

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

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