Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120624\
Data File : BG063594.D
Acq On : 6 Dec 2024 15:24
Operator : RC/JU
Sample : SSTD16087
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Dec 06 16:03:35 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG120624.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 06 13:14:57 2024
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTD160429

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 12/10/2024
Supervised By :mohammad ahmed 12/10/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.818	152	90469	20.000	ng/ul	0.00
20) Naphthalene-d8	10.614	136	417949	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.469	164	345357	20.000	ng/ul	0.01
64) Phenanthrene-d10	17.218	188	841237	20.000	ng/ul	0.00
79) Chrysene-d12	21.484	240	927273	20.000	ng/ul	0.01
88) Perylene-d12	24.516	264	997239	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	3.687	84	1173731	165.850	ng/ul	0.00
7) Phenol-d5	7.013	99	1441950	191.004	ng/ul	0.02
9) Bis-(2-Chloroethyl)eth...	7.160	67	957303	194.429	ng/ul	0.01
11) 2-Chlorophenol-d4	0.000	132	0d	0.000	ng/ul	
15) 4-Methylphenol-d8	8.552	113	1085582	176.678	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	10.761	131	1281993	147.233	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	14.715	143	533712	159.548	ng/ul	0.03
60) Fluorene-d10	0.000	176	0d	0.000	ng/ul	
65) 4,6-Dinitro-2-methylph...	15.614	200	814482	175.741	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	3.711	79	1229610	167.573	ng/ul	91
6) Benzaldehyde	6.966	77	599809	130.792	ng/ul	92
8) Phenol	7.042	94	1541101	186.791	ng/ul	97
10) Bis(2-Chloroethyl)ether	7.254	93	1057341	180.969	ng/ul	97
13) 2-Methylphenol	8.276	108	1070808	177.198	ng/ul	92
14) 2,2'-oxybis(1-Chloropr...	8.341	45	1416809	167.116	ng/ul	98
16) Acetophenone	8.652	105	1889618	187.613	ng/ul	92
18) 4-Methylphenol	8.629	108	1190461	181.396	ng/ul	100
32) 4-Chloroaniline	10.785	127	1239551	148.297	ng/ul	97
34) Caprolactam	11.607	113	348617m	149.858	ng/ul	
40) Hexachlorocyclopentadiene	12.630	237	1063253	202.373	ng/ul	94
51) 3-Nitroaniline	14.392	138	564303	136.084	ng/ul	99
53) 2,4-Dinitrophenol	14.604	184	506179	215.913	ng/ul	93
55) 4-Nitrophenol	14.727	109	839224	204.005	ng/ul	95
63) 4-Nitroaniline	15.573	138	604577m	143.157	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.632	198	800366	163.067	ng/ul	96
70) Atrazine	16.696	200	1300486	137.724	ng/ul	94
71) Pentachlorophenol	16.884	266	802799m	186.884	ng/ul	
77) Carbazole	17.636	167	4678221	140.258	ng/ul#	89
84) 3,3'-Dichlorobenzidine	21.384	252	2091292	111.202	ng/ul#	99
89) Di-n-octyl phthalate	22.524	149	5128399	124.515	ng/ul	100

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

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