Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071924\
Data File : BG062138.D
Acq On : 19 Jul 2024 12:37
Operator : MA/JU
Sample : SSTD16027
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Jul 19 13:17:52 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG071924.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jul 19 12:42:00 2024
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTD160409

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 07/20/2024
Supervised By :mohammad ahmed 07/23/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.070	152	36214	20.000	ng/ul	0.00
20) Naphthalene-d8	10.884	136	161909	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.702	164	132302	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.446	188	355305	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.716	240	360043	20.000	ng/ul	0.01
88) Perylene-d12	24.947	264	370720	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	3.876	84	471856	141.053	ng/ul	0.00
7) Phenol-d5	7.254	99	603119	154.799	ng/ul	0.01
9) Bis-(2-Chloroethyl)eth...	7.395	67	332159	150.888	ng/ul	0.00
11) 2-Chlorophenol-d4	0.000	132	0d	0.000	ng/ul	
15) 4-Methylphenol-d8	8.810	113	470084	162.802	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	11.031	131	613557	153.284	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	14.955	143	222995	171.979	ng/ul	0.04
60) Fluorene-d10	0.000	176	0d	0.000	ng/ul	
65) 4,6-Dinitro-2-methylph...	15.830	200	403935	193.571	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	3.899	79	486263	145.971	ng/ul	89
6) Benzaldehyde	7.207	77	195597	97.489	ng/ul	96
8) Phenol	7.283	94	606858	157.123	ng/ul	97
10) Bis(2-Chloroethyl)ether	7.495	93	389505	145.341	ng/ul	94
13) 2-Methylphenol	8.528	108	458213	162.414	ng/ul	95
14) 2,2'-oxybis(1-Chloropr...	8.593	45	704264	159.239	ng/ul	99
16) Acetophenone	8.904	105	783491	156.838	ng/ul	97
18) 4-Methylphenol	8.875	108	492794	162.264	ng/ul	98
32) 4-Chloroaniline	11.060	127	578498	152.792	ng/ul#	89
34) Caprolactam	11.871	113	151099m	141.118	ng/ul	
40) Hexachlorocyclopentadiene	12.870	237	563535	260.607	ng/ul	95
51) 3-Nitroaniline	14.626	138	260526	146.260	ng/ul#	88
53) 2,4-Dinitrophenol	14.832	184	227945	308.189	ng/ul#	69
55) 4-Nitrophenol	14.967	109	358000	180.914	ng/ul	88
63) 4-Nitroaniline	15.807	138	270437m	148.236	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.848	198	388799	193.447	ng/ul	98
70) Atrazine	16.911	200	657335	153.754	ng/ul	99
71) Pentachlorophenol	17.099	266	338763	428.815	ng/ul	98
77) Carbazole	17.857	167	2257988	155.749	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.605	252	1030140	129.919	ng/ul	99
89) Di-n-octyl phthalate	22.786	149	2625447	156.397	ng/ul	100

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

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