Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090823\
Data File : BG058921.D
Acq On : 8 Sep 2023 15:29
Operator : MA/JU
Sample : SSTD16006
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Sep 08 23:47:26 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG090823.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Sep 08 22:56:23 2023
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTD160405

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 09/09/2023
Supervised By :mohammad ahmed 09/10/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.333	152	61078	20.000	ng/ul	0.00
20) Naphthalene-d8	11.188	136	271732	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.960	164	233908	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.716	188	510637	20.000	ng/ul	0.00
79) Chrysene-d12	22.052	240	493836	20.000	ng/ul	0.02
88) Perylene-d12	25.630	264	555640	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	4.079	84	689187	157.627	ng/ul	0.00
7) Phenol-d5	7.457	99	1003342	165.625	ng/ul	0.02
9) Bis-(2-Chloroethyl)eth...	7.663	67	536535	156.559	ng/ul	0.00
11) 2-Chlorophenol-d4	0.000	132	0d	0.000	ng/ul	
15) 4-Methylphenol-d8	9.038	113	759671	161.800	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	11.335	131	941105	144.225	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	15.166	143	346640	145.306	ng/ul	0.04
60) Fluorene-d10	0.000	176	0d	0.000	ng/ul	
65) 4,6-Dinitro-2-methylph...	16.082	200	414928	178.478	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	4.096	79	731386	157.005	ng/ul#	81
6) Benzaldehyde	7.486	77	405851	113.658	ng/ul	94
8) Phenol	7.486	94	1013789	160.475	ng/ul#	83
10) Bis(2-Chloroethyl)ether	7.763	93	685058	146.213	ng/ul	96
13) 2-Methylphenol	8.761	108	748459	158.228	ng/ul	95
14) 2,2'-oxybis(1-Chloropr...	8.850	45	823980	152.806	ng/ul	93
16) Acetophenone	9.202	105	1304068	155.773	ng/ul	97
18) 4-Methylphenol	9.108	108	829636	160.290	ng/ul	98
32) 4-Chloroaniline	11.364	127	897635	145.039	ng/ul	98
34) Caprolactam	12.199	113	211032m	129.060	ng/ul	
40) Hexachlorocyclopentadiene	13.115	237	1013113	161.285	ng/ul	95
51) 3-Nitroaniline	14.901	138	398244	151.673	ng/ul	93
53) 2,4-Dinitrophenol	15.089	184	334889	151.931	ng/ul#	85
55) 4-Nitrophenol	15.177	109	479111	160.574	ng/ul#	85
63) 4-Nitroaniline	16.076	138	300948m	120.980	ng/ul	
66) 4,6-Dinitro-2-methylph...	16.094	198	439472	180.062	ng/ul#	90
70) Atrazine	17.157	200	669627	132.816	ng/ul	99
71) Pentachlorophenol	17.334	266	718685	163.542	ng/ul	93
77) Carbazole	18.127	167	2684432	139.736	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.934	252	1405230	130.274	ng/ul	99
89) Di-n-octyl phthalate	23.233	149	2919385	168.241	ng/ul	100

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

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