Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081619\
Data File : BG042259.D
Acq On : 16 Aug 2019 14:38
Operator : HP/JU
Sample : SSTD16081
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTD16081

Quant Time: Aug 16 15:21:08 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG081619MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Aug 16 13:29:50 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	55576	20.00	ng/ul	0.00
18) Naphthalene-d8	10.84	136	231152	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.68	164	169194	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.43	188	371656	20.00	ng/ul	0.00
78) Chrysene-d12	21.72	240	359268	20.00	ng/ul	0.00
86) Perylene-d12	24.98	264	439543	20.00	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	0.00	96	0d	0.00	ng/uL	
5) Phenol-d5	7.18	99	628118	121.47	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	7.34	67	302406	85.39	ng/ul	0.00
9) 2-Chlorophenol-d4	0.00	132	0d	0.00	ng/ul	
13) 4-Methylphenol-d8	8.75	113	532361	134.88	ng/ul	0.02
19) Nitrobenzene-d5	0.00	128	0d	0.00	ng/ul	
22) 2-Nitrophenol-d4	0.00	143	0d	0.00	ng/ul	
26) 2,4-Dichlorophenol-d3	0.00	165	0d	0.00	ng/ul	
29) 4-Chloroaniline-d4	10.98	131	610927	145.43	ng/ul	0.01
44) Dimethylphthalate-d6	0.00	166	0d	0.00	ng/ul	
47) Acenaphthylene-d8	0.00	160	0d	0.00	ng/ul	
52) 4-Nitrophenol-d4	14.90	143	337019	161.05	ng/ul	0.03
58) Fluorene-d10	0.00	176	0d	0.00	ng/ul	
63) 4,6-Dinitro-2-methylphenol	15.82	200	423611	314.68	ng/ul	0.02
71) Anthracene-d10	0.00	188	0d	0.00	ng/ul	
79) Pyrene-d10	0.00	212	0d	0.00	ng/ul	
90) Benzo(a)pyrene-d12	0.00	264	0d	0.00	ng/ul	
Target Compounds						Qvalue
4) Benzaldehyde	7.14	77	267859	77.285	ng/ul	99
6) Phenol	7.21	94	633858	122.655	ng/ul	95
8) Bis(2-Chloroethyl)ether	7.44	93	465587	121.326	ng/ul	99
11) 2-Methylphenol	8.47	108	521527	132.461	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.55	45	591871	70.060	ng/ul	97
14) Acetophenone	8.85	105	758578	125.375	ng/ul	99
16) 4-Methylphenol	8.82	108	554716	134.682	ng/ul	99
30) 4-Chloroaniline	11.00	127	604316	147.658	ng/ul	95
32) Caprolactam	11.81	113	199306m	133.878	ng/ul	
38) Hexachlorocyclopentadiene	12.85	237	568229	164.787	ng/ul#	97
49) 3-Nitroaniline	14.59	138	334316	169.116	ng/ul	97
51) 2,4-Dinitrophenol	14.80	184	317288	328.858	ng/ul	94
53) 4-Nitrophenol	14.92	109	223356	115.023	ng/ul	96
61) 4-Nitroaniline	15.77	138	399179	159.393	ng/ul	99
64) 4,6-Dinitro-2-methylphenol	15.83	198	451348	324.610	ng/ul#	98
68) Atrazine	16.90	200	648949	151.112	ng/ul	98
69) Pentachlorophenol	17.08	266	502321	201.928	ng/ul	96
75) Carbazole	17.84	167	2256607	138.119	ng/ul#	89
77) Fluoranthene	19.49	202	2789140	124.543	ng/ul#	90
82) 3,3'-Dichlorobenzidine	21.61	252	1129093	152.559	ng/ul	96
87) Di-n-octyl phthalate	22.83	149	2778024	112.451	ng/ul	100

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

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