Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG012218\
Data File : BG032210.D
Acq On : 22 Jan 2018 13:32
Operator : SJ/JU
Sample : SSTD16079
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTD16079

Manual Integrations APPROVED
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Quant Time: Jan 22 17:09:36 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG012218.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jan 22 16:56:58 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.73	152	47272	20.00	ng/ul	0.00
18) Naphthalene-d8	11.62	136	192785	20.00	ng/ul	0.00
35) Acenaphthene-d10	15.36	164	127363	20.00	ng/ul	0.00
61) Phenanthrene-d10	18.10	188	305157	20.00	ng/ul	0.00
77) Chrysene-d12	22.44	240	362419	20.00	ng/ul	0.00
85) Perylene-d12	26.13	264	400966	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	7.85	99	505254	155.55	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	8.03	67	232506	151.72	ng/ul	0.00
9) 2-Chlorophenol-d4	0.00	132	0d	0.00	ng/ul	
13) 4-Methylphenol-d8	9.45	113	448172	151.95	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	11.74	131	340947	132.29	ng/ul	0.01
43) Dimethylphthalate-d6	0.00	166	0d	0.00	ng/ul	
46) Acenaphthylene-d8	0.00	160	0d	0.00	ng/ul	
51) 4-Nitrophenol-d4	15.54	143	235313	166.07	ng/ul	0.03
57) Fluorene-d10	0.00	176	0d	0.00	ng/ul	
62) 4,6-Dinitro-2-methylphenol	16.46	200	335009	177.92	ng/ul	0.02
70) Anthracene-d10	0.00	188	0d	0.00	ng/ul	
78) Pyrene-d10	0.00	212	0d	0.00	ng/ul	
89) Benzo(a)pyrene-d12	0.00	264	0d	0.00	ng/ul	
Target Compounds						Qvalue
4) Benzaldehyde	7.83	77	112756	69.740	ng/ul	86
6) Phenol	7.88	94	486331	152.763	ng/ul#	88
8) Bis(2-Chloroethyl)ether	8.13	93	335625	149.935	ng/ul	93
11) 2-Methylphenol	9.17	108	384336	151.682	ng/ul	97
12) 2,2'-oxybis(1-Chloropropan	9.27	45	331524	148.734	ng/ul#	89
14) Acetophenone	9.58	105	613631	148.511	ng/ul	96
16) 4-Methylphenol	9.53	108	413834	149.207	ng/ul	93
30) 4-Chloroaniline	11.76	127	333058	133.188	ng/ul	100
32) Caprolactam	12.56	113	142341m	158.204	ng/ul	
37) Hexachlorocyclopentadiene	13.56	237	475971	194.261	ng/ul#	96
48) 3-Nitroaniline	15.27	138	240071	157.830	ng/ul	84
50) 2,4-Dinitrophenol	15.46	184	229613	213.189	ng/ul#	84
52) 4-Nitrophenol	15.56	109	216079	165.364	ng/ul	85
60) 4-Nitroaniline	16.44	138	278046	158.571	ng/ul	90
63) 4,6-Dinitro-2-methylphenol	16.48	198	340273	173.400	ng/ul	93
67) Atrazine	17.53	200	565507	144.959	ng/ul	96
68) Pentachlorophenol	17.74	266	419281	184.221	ng/ul	96
74) Carbazole	18.50	167	1835511	140.174	ng/ul#	93
76) Fluoranthene	20.11	202	2608768	131.706	ng/ul#	96
81) 3,3'-Dichlorobenzidine	22.31	252	937939	161.872	ng/ul#	97
86) Di-n-octyl phthalate	23.63	149	2436107	145.678	ng/ul	100

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

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