Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG080815\
Data File : BG018319.D
Acq On : 8 Aug 2015 7:50
Operator : UM/TP
Sample : SSTD16077
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTD16077

Manual Integrations APPROVED
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8/10/2015 7:22:46 PM

Quant Time: Aug 10 06:45:57 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG080815.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Aug 08 07:47:13 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.40	152	15307	20.00	ng/ul	0.00
18) Naphthalene-d8	10.19	136	73152	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.10	164	49001	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.86	188	114073m	20.00	ng/ul	0.00
78) Chrysene-d12	21.08	240	116502	20.00	ng/ul	0.00
86) Perylene-d12	23.23	264	92800	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	0.00	96	0d	0.00	ng/uL	
5) Phenol-d5	6.63	99	238668	170.56	ng/ul	0.02
7) Bis-(2-Chloroethyl)ether-d	6.76	67	130126	162.24	ng/ul	0.02
9) 2-Chlorophenol-d4	0.00	132	0d	0.00	ng/ul	
13) 4-Methylphenol-d8	8.17	113	190227	158.09	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	10.35	131	195275	124.29	ng/ul	0.02
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	14.39	143	103058	161.15	ng/ul	0.04
58) Fluorene-d10	0.00	176	0d	0.00	ng/ul	
63) 4,6-Dinitro-2-methylphenol	15.28	200	143313m	169.48	ng/ul	0.03
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	6.55	77	115193	125.74	ng/ul#	82
6) Phenol	6.66	94	246514	172.99	ng/ul	93
8) Bis(2-Chloroethyl)ether	6.86	93	167501	159.71	ng/ul	99
11) 2-Methylphenol	7.88	108	191412m	168.99	ng/ul	
12) 2,2'-oxybis(1-Chloropropan	7.96	45	151172	161.05	ng/ul	97
14) Acetophenone	8.24	105	327736	165.63	ng/ul#	84
16) 4-Methylphenol	8.24	108	209848	166.42	ng/ul	95
30) 4-Chloroaniline	10.38	127	189900	126.11	ng/ul	95
32) Caprolactam	11.20	113	81917m	139.36	ng/ul	
38) Hexachlorocyclopentadiene	12.23	237	158909	237.14	ng/ul#	95
49) 3-Nitroaniline	14.04	138	116270	129.11	ng/ul#	90
51) 2,4-Dinitrophenol	14.26	184	87731m	190.00	ng/ul	
53) 4-Nitrophenol	14.40	109	178555	175.87	ng/ul	96
61) 4-Nitroaniline	15.23	138	124727	135.78	ng/ul	94
64) 4,6-Dinitro-2-methylphenol	15.29	198	149166m	173.97	ng/ul	
68) Atrazine	16.36	200	243309	149.28	ng/ul	91
69) Pentachlorophenol	16.53	266	124833m	216.32	ng/ul	
75) Carbazole	17.28	167	847205	153.27	ng/ul	97
77) Fluoranthene	18.94	202	1185037	153.42	ng/ul	99
82) 3,3'-Dichlorobenzidine	21.00	252	484615	160.67	ng/ul	92
87) Di-n-octyl phthalate	21.86	149	1062460	166.37	ng/ul	100

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

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