Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG042717\
Data File : BG026717.D
Acq On : 27 Apr 2017 18:02
Operator : SJ/MA
Sample : SSTD16057
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTD16057

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Quant Time: Apr 27 19:09:38 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG042717.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Apr 27 18:36:33 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	169865	20.00	ng/ul	0.00
18) Naphthalene-d8	10.81	136	802557	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.63	164	437834	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.36	188	829721	20.00	ng/ul	0.00
75) Chrysene-d12	21.61	240	746721	20.00	ng/ul	0.01
83) Perylene-d12	24.77	264	788756	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	7.21	99	2343066	154.56	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	7.34	67	1342932	150.63	ng/ul	0.00
9) 2-Chlorophenol-d4	0.00	132	0d	0.00	ng/ul	
13) 4-Methylphenol-d8	8.75	113	1966468	156.29	ng/ul	0.03
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	10.95	131	1882363	121.30	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	14.87	143	1070246	168.49	ng/ul	0.03
57) Fluorene-d10	0.00	176	0d	0.00	ng/ul	
62) 4,6-Dinitro-2-methylphenol	15.75	200	879786	174.62	ng/ul	0.03
70) Anthracene-d10	0.00	188	0d	0.00	ng/ul	
76) Pyrene-d10	0.00	212	0d	0.00	ng/ul	
87) Benzo(a)pyrene-d12	0.00	264	0d	0.00	ng/ul	
Target Compounds						Qvalue
4) Benzaldehyde	7.15	77	807382	110.20	ng/ul#	66
6) Phenol	7.24	94	2289739	149.02	ng/ul#	79
8) Bis(2-Chloroethyl)ether	7.44	93	1742313	146.88	ng/ul	88
11) 2-Methylphenol	8.47	108	1893916	155.72	ng/ul	96
12) 2,2'-oxybis(1-Chloropropan	8.55	45	1833290	148.09	ng/ul#	83
14) Acetophenone	8.85	105	2620857	141.81	ng/ul#	74
16) 4-Methylphenol	8.82	108	2004191	150.67	ng/ul	97
30) 4-Chloroaniline	10.98	127	1792537	122.46	ng/ul	99
32) Caprolactam	11.78	113	707343m	178.38	ng/ul	
37) Hexachlorocyclopentadiene	12.81	237	920479	180.99	ng/ul	98
48) 3-Nitroaniline	14.54	138	1123098	146.60	ng/ul#	77
50) 2,4-Dinitrophenol	14.75	184	668708	179.63	ng/ul#	72
52) 4-Nitrophenol	14.89	109	620178	166.47	ng/ul#	39
60) 4-Nitroaniline	15.72	138	1347247	159.53	ng/ul#	51
63) 4,6-Dinitro-2-methylphenol	15.77	198	899907	171.50	ng/ul#	87
67) Atrazine	16.83	200	1232990	144.67	ng/ul#	93
68) Pentachlorophenol	17.02	266	793184	194.79	ng/ul	93
72) Carbazole	17.77	167	5031162	124.08	ng/ul#	76
74) Fluoranthene	19.41	202	5135862	118.36	ng/ul#	56
79) 3,3'-Dichlorobenzidine	21.51	252	2039976	142.10	ng/ul#	87
84) Di-n-octyl phthalate	22.67	149	6655954	122.80	ng/ul	100

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

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