Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG050916\
Data File : BG021806.D
Acq On : 9 May 2016 13:14
Operator : UM/SJ
Sample : SSTD16012
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD16012

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Quant Time: May 09 14:21:57 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG050916.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon May 09 12:51:39 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.19	152	63115	20.00	ng/ul	0.00
18) Naphthalene-d8	11.01	136	316192	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.81	164	188176	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.55	188	402793	20.00	ng/ul	0.00
76) Chrysene-d12	21.84	240	433907	20.00	ng/ul	0.01
84) Perylene-d12	25.18	264	400490	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	7.34	99	868414	145.54	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.51	67	383830	108.58	ng/ul	0.00
9) 2-Chlorophenol-d4	0.00	132	0d	0.00	ng/ul	
13) 4-Methylphenol-d8	8.90	113	720405	140.96	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	11.14	131	546594	86.26	ng/ul	0.00
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	15.02	143	438047	174.91	ng/ul	0.02
58) Fluorene-d10	0.00	176	0d	0.00	ng/ul	
63) 4,6-Dinitro-2-methylphenol	15.93	200	284823	107.03	ng/ul	0.02
71) Anthracene-d10	0.00	188	0d	0.00	ng/ul	
77) Pyrene-d10	0.00	212	0d	0.00	ng/ul	
88) Benzo(a)pyrene-d12	0.00	264	0d	0.00	ng/ul	
Target Compounds						Qvalue
4) Benzaldehyde	7.33	77	84210m	23.16	ng/ul	
6) Phenol	7.37	94	848345	134.47	ng/ul#	73
8) Bis(2-Chloroethyl)ether	7.61	93	619907	135.75	ng/ul#	78
11) 2-Methylphenol	8.63	108	698391	143.86	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.72	45	525231	95.36	ng/ul#	85
14) Acetophenone	9.03	105	990394	118.77	ng/ul#	68
16) 4-Methylphenol	8.97	108	740579	134.47	ng/ul	88
30) 4-Chloroaniline	11.17	127	571457	85.92	ng/ul	94
32) Caprolactam	11.99	113	272211m	143.99	ng/ul	
38) Hexachlorocyclopentadiene	12.99	237	494507	204.97	ng/ul#	98
49) 3-Nitroaniline	14.73	138	462849	150.60	ng/ul#	62
51) 2,4-Dinitrophenol	14.92	184	179881m	107.47	ng/ul	
53) 4-Nitrophenol	15.04	109	198709	76.48	ng/ul#	41
60) 4-Chlorophenyl-phenylether	15.84	204	1002209	118.04	ng/ul	88
61) 4-Nitroaniline	15.90	138	563055	174.81	ng/ul#	49
64) 4,6-Dinitro-2-methylphenol	15.94	198	311363	110.81	ng/ul#	77
68) Atrazine	17.01	200	570956	113.45	ng/ul	95
69) Pentachlorophenol	17.20	266	416454	317.31	ng/ul	95
73) Carbazole	17.96	167	2698206	134.37	ng/ul#	89
80) 3,3'-Dichlorobenzidine	21.73	252	1190093	132.25	ng/ul	95
85) Di-n-octyl phthalate	22.96	149	3124620	114.93	ng/ul	100

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

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