Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG080416\
Data File : BG023454.D
Acq On : 4 Aug 2016 16:28
Operator : UM/SJ
Sample : SSTD16006
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD16006

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Quant Time: Aug 04 17:13:32 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG080416.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jul 21 04:24:30 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	120675	20.00	ng/ul	-0.02
18) Naphthalene-d8	10.95	136	593317	20.00	ng/ul	-0.03
35) Acenaphthene-d10	14.79	164	426493	20.00	ng/ul	-0.02
61) Phenanthrene-d10	17.55	188	956117	20.00	ng/ul	-0.02
75) Chrysene-d12	21.87	240	927602	20.00	ng/ul	-0.03
83) Perylene-d12	25.25	264	923754	20.00	ng/ul	-0.05
System Monitoring Compounds						
3) 1,4-Dioxane-d8	0.00	96	0d	0.00	ng/uL	
5) Phenol-d5	7.28	99	1849832	148.70	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.44	67	1163528	141.11	ng/ul	-0.01
9) 2-Chlorophenol-d4	0.00	132	0d	0.00	ng/ul	
13) 4-Methylphenol-d8	8.85	113	1514020	156.39	ng/ul	0.00
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	11.09	131	1540653	142.81	ng/ul	-0.02
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	15.02	143	936431	149.65	ng/ul	0.00
57) Fluorene-d10	0.00	176	0d	0.00	ng/ul	
62) 4,6-Dinitro-2-methylphenol	15.92	200	1010439	153.59	ng/ul	0.00
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	7.25	77	901393	116.67	ng/ul	87
6) Phenol	7.31	94	1886119	145.68	ng/ul#	62
8) Bis(2-Chloroethyl)ether	7.53	93	1359650	139.70	ng/ul#	86
11) 2-Methylphenol	8.57	108	1487871	155.56	ng/ul	91
12) 2,2'-oxybis(1-Chloropropan	8.66	45	1845414	140.14	ng/ul	98
14) Acetophenone	8.96	105	2210416	131.22	ng/ul#	74
16) 4-Methylphenol	8.92	108	1636975	153.75	ng/ul	97
30) 4-Chloroaniline	11.12	127	1482710	132.98	ng/ul	96
32) Caprolactam	11.95	113	649415m	151.85	ng/ul	
37) Hexachlorocyclopentadiene	12.95	237	1285478	138.86	ng/ul	95
48) 3-Nitroaniline	14.71	138	968905	145.53	ng/ul#	67
50) 2,4-Dinitrophenol	14.91	184	821467	168.03	ng/ul#	72
52) 4-Nitrophenol	15.04	109	915066m	122.81	ng/ul	
60) 4-Nitroaniline	15.89	138	1119974	136.85	ng/ul#	55
63) 4,6-Dinitro-2-methylphenol	15.94	198	1045969	150.38	ng/ul#	83
67) Atrazine	17.00	200	1603947	136.14	ng/ul	96
68) Pentachlorophenol	17.20	266	1142713	163.50	ng/ul	94
72) Carbazole	17.96	167	4406074	108.51	ng/ul#	63
74) Fluoranthene	19.61	202	4751321	91.85	ng/ul#	77
79) 3,3'-Dichlorobenzidine	21.76	252	2148405	116.10	ng/ul	90
84) Di-n-octyl phthalate	22.99	149	5197478	101.52	ng/ul	100

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

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