Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG072016\
Data File : BG023190.D
Acq On : 20 Jul 2016 15:51
Operator : UM/SJ
Sample : SSTD16006
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTD16006

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Quant Time: Jul 20 16:37:28 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG072016.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jul 20 15:44:11 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	114705	20.00	ng/ul	0.00
18) Naphthalene-d8	10.98	136	540119	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.82	164	398384	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.58	188	890248	20.00	ng/ul	0.00
75) Chrysene-d12	21.90	240	914901	20.00	ng/ul	0.00
83) Perylene-d12	25.31	264	892068	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	7.30	99	1804143	150.83	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	7.46	67	1148700m	143.55	ng/ul	0.01
9) 2-Chlorophenol-d4	0.00	132	0d	0.00	ng/ul	
13) 4-Methylphenol-d8	8.87	113	1398367	150.08	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	11.12	131	741546	66.70	ng/ul	0.00
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	15.05	143	834533	139.03	ng/ul	0.03
57) Fluorene-d10	0.00	176	0d	0.00	ng/ul	
62) 4,6-Dinitro-2-methylphenol	15.95	200	932675	150.45	ng/ul	0.02
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	7.27	77	851260	108.44	ng/ul	82
6) Phenol	7.33	94	1848135	147.90	ng/ul#	49
8) Bis(2-Chloroethyl)ether	7.56	93	1343538	141.96	ng/ul#	86
11) 2-Methylphenol	8.60	108	1369825	148.51	ng/ul	93
12) 2,2'-oxybis(1-Chloropropan	8.68	45	1809978	141.21	ng/ul	96
14) Acetophenone	8.98	105	2255015	136.74	ng/ul#	70
16) 4-Methylphenol	8.94	108	1537049	149.97	ng/ul	99
30) 4-Chloroaniline	11.15	127	779285	67.94	ng/ul	99
32) Caprolactam	11.96	113	562321m	141.01	ng/ul	
37) Hexachlorocyclopentadiene	12.98	237	1384992	160.21	ng/ul	93
48) 3-Nitroaniline	14.74	138	686471	102.44	ng/ul#	55
50) 2,4-Dinitrophenol	14.94	184	729657	159.73	ng/ul#	65
52) 4-Nitrophenol	15.06	109	982878	137.19	ng/ul#	63
60) 4-Nitroaniline	15.92	138	1044661	131.85	ng/ul#	44
63) 4,6-Dinitro-2-methylphenol	15.97	198	958178	145.21	ng/ul#	83
67) Atrazine	17.03	200	1356647	117.03	ng/ul	97
68) Pentachlorophenol	17.23	266	1046501	161.01	ng/ul	93
72) Carbazole	17.99	167	4141301m	101.53	ng/ul	
74) Fluoranthene	19.64	202	4600114	86.77	ng/ul#	80
79) 3,3'-Dichlorobenzidine	21.80	252	2191164	113.00	ng/ul#	92
84) Di-n-octyl phthalate	23.04	149	5335507	99.80	ng/ul	100

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

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