Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG020816\
Data File : BG020810.D
Acq On : 8 Feb 2016 19:25
Operator : SJ/UM
Sample : SSTD16020
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD16020

Manual Integrations APPROVED
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2/9/2016 12:38:50 PM

Quant Time: Feb 09 05:02:17 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG020816.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Feb 09 04:36:21 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.27	152	20231	20.00	ng/ul	0.00
18) Naphthalene-d8	11.10	136	106437	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.89	164	60516	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.63	188	118903	20.00	ng/ul	0.00
78) Chrysene-d12	21.92	240	111618	20.00	ng/ul	0.02
86) Perylene-d12	25.31	264	102475	20.00	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	0.00	96	0d	0.00	ng/uL	
5) Phenol-d5	7.42	99	333668	164.24	ng/ul	0.02
7) Bis-(2-Chloroethyl)ether-d	7.59	67	163659	143.96	ng/ul	0.00
9) 2-Chlorophenol-d4	0.00	132	0d	0.00	ng/ul	
13) 4-Methylphenol-d8	8.98	113	282768	155.19	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	11.23	131	265776	106.26	ng/ul	0.01
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	15.09	143	157925	143.43	ng/ul	0.03
58) Fluorene-d10	0.00	176	0d	0.00	ng/ul	
63) 4,6-Dinitro-2-methylphenol	16.00	200	107905	204.37	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	7.40	77	97065	73.54	ng/ul	96
6) Phenol	7.45	94	346247	155.78	ng/ul	98
8) Bis(2-Chloroethyl)ether	7.69	93	252392	145.34	ng/ul	97
11) 2-Methylphenol	8.71	108	276558	157.61	ng/ul	97
12) 2,2'-oxybis(1-Chloropropan	8.81	45	259842	142.63	ng/ul	98
14) Acetophenone	9.11	105	413929	148.54	ng/ul	99
16) 4-Methylphenol	9.06	108	299885	153.22	ng/ul	93
30) 4-Chloroaniline	11.26	127	285447	108.02	ng/ul	96
32) Caprolactam	12.07	113	98081m	128.11	ng/ul	
38) Hexachlorocyclopentadiene	13.08	237	171807	194.86	ng/ul	96
49) 3-Nitroaniline	14.80	138	156121	116.97	ng/ul	98
51) 2,4-Dinitrophenol	15.00	184	86334	241.59	ng/ul	93
53) 4-Nitrophenol	15.10	109	86426	133.97	ng/ul	95
61) 4-Nitroaniline	15.97	138	183835	122.69	ng/ul	98
64) 4,6-Dinitro-2-methylphenol	16.01	198	118966	197.88	ng/ul#	96
68) Atrazine	17.08	200	204609	152.27	ng/ul	97
69) Pentachlorophenol	17.27	266	144113	176.58	ng/ul	94
75) Carbazole	18.03	167	988148	142.19	ng/ul#	93
77) Fluoranthene	19.66	202	1168056	144.09	ng/ul	95
82) 3,3'-Dichlorobenzidine	21.80	252	306706	116.14	ng/ul	99
87) Di-n-octyl phthalate	23.05	149	1396010	145.71	ng/ul	100

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

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