Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG111615\
Data File : BG019644.D
Acq On : 16 Nov 2015 21:13
Operator : UM/NP
Sample : SSTD16026
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTD16026

Manual Integrations APPROVED
mmdadoda
11/17/2015 5:53:21 PM

Quant Time: Nov 17 00:59:03 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG111615.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Nov 17 00:05:14 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	21433	20.00	ng/ul	0.00
18) Naphthalene-d8	10.98	136	98870	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.79	164	78757	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.53	188	208819	20.00	ng/ul	0.00
78) Chrysene-d12	21.81	240	265503	20.00	ng/ul	0.00
86) Perylene-d12	25.13	264	256070	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	7.31	99	379916	189.61	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.47	67	227089	176.13	ng/ul	0.00
9) 2-Chlorophenol-d4	0.00	132	0d	0.00	ng/ul	
13) 4-Methylphenol-d8	8.87	113	306594	191.09	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	262260	140.94	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	15.00	143	179166	171.44	ng/ul	0.03
58) Fluorene-d10	0.00	176	0d	0.00	ng/ul	
63) 4,6-Dinitro-2-methylphenol	15.91	200	234890	174.70	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	7.28	77	179633	133.91	ng/ul	93
6) Phenol	7.34	94	402564	189.17	ng/ul	97
8) Bis(2-Chloroethyl)ether	7.56	93	265531	179.23	ng/ul	97
11) 2-Methylphenol	8.60	108	297128	186.94	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.69	45	231113	189.63	ng/ul	94
14) Acetophenone	8.99	105	487496	181.80	ng/ul	94
16) 4-Methylphenol	8.95	108	327546	189.39	ng/ul	93
30) 4-Chloroaniline	11.14	127	263261	134.15	ng/ul	96
32) Caprolactam	11.95	113	115293m	173.84	ng/ul	
38) Hexachlorocyclopentadiene	12.97	237	347615	152.80	ng/ul	94
49) 3-Nitroaniline	14.70	138	160593	136.70	ng/ul	96
51) 2,4-Dinitrophenol	14.90	184	172956	174.72	ng/ul	96
53) 4-Nitrophenol	15.02	109	213194	136.81	ng/ul	96
61) 4-Nitroaniline	15.88	138	208734	152.93	ng/ul	97
64) 4,6-Dinitro-2-methylphenol	15.93	198	244674	167.98	ng/ul#	98
68) Atrazine	16.98	200	414535	155.98	ng/ul	95
69) Pentachlorophenol	17.18	266	280048	182.65	ng/ul	96
75) Carbazole	17.93	167	1352666	156.13	ng/ul	94
77) Fluoranthene	19.57	202	1963557	142.43	ng/ul#	94
82) 3,3'-Dichlorobenzidine	21.69	252	648832	126.04	ng/ul	99
87) Di-n-octyl phthalate	22.91	149	1870471	159.01	ng/ul	100

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

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