Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG030316\
Data File : BG021245.D
Acq On : 3 Mar 2016 22:16
Operator : UM/SJ
Sample : SSTD16006
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD16006

Manual Integrations APPROVED
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3/7/2016 9:34:41 AM

Quant Time: Mar 04 02:19:39 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG030316.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Mar 04 01:23:58 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.13	152	10947	20.00	ng/ul	0.00
18) Naphthalene-d8	10.94	136	52824	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.74	164	31196	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.48	188	70927	20.00	ng/ul	0.00
78) Chrysene-d12	21.75	240	80784	20.00	ng/ul	0.01
86) Perylene-d12	25.01	264	73155	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	7.30	99	188744	167.68	ng/ul	0.02
7) Bis-(2-Chloroethyl)ether-d	7.46	67	118640	186.90	ng/ul	0.00
9) 2-Chlorophenol-d4	0.00	132	0d	0.00	ng/ul	
13) 4-Methylphenol-d8	8.85	113	147379	153.92	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	11.08	131	126621	117.68	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	14.95	143	81593	155.09	ng/ul	0.03
58) Fluorene-d10	0.00	176	0d	0.00	ng/ul	
63) 4,6-Dinitro-2-methylphenol	15.86	200	87111	230.85	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	7.27	77	54921	82.72	ng/ul	93
6) Phenol	7.32	94	201268	168.77	ng/ul	96
8) Bis(2-Chloroethyl)ether	7.56	93	139097	153.95	ng/ul	98
11) 2-Methylphenol	8.57	108	150357	161.87	ng/ul	100
12) 2,2'-oxybis(1-Chloropropan	8.67	45	207461	200.11	ng/ul	98
14) Acetophenone	8.97	105	242808	163.54	ng/ul	97
16) 4-Methylphenol	8.92	108	161525	156.15	ng/ul	100
30) 4-Chloroaniline	11.10	127	140036	123.13	ng/ul	96
32) Caprolactam	11.93	113	51269m	150.86	ng/ul	
38) Hexachlorocyclopentadiene	12.93	237	123532	232.11	ng/ul	100
49) 3-Nitroaniline	14.66	138	83659	137.76	ng/ul#	86
51) 2,4-Dinitrophenol	14.86	184	70939	277.84	ng/ul	95
53) 4-Nitrophenol	14.97	109	95759	263.40	ng/ul	95
61) 4-Nitroaniline	15.84	138	107277	155.16	ng/ul	98
64) 4,6-Dinitro-2-methylphenol	15.88	198	93667	222.84	ng/ul#	89
68) Atrazine	16.94	200	138221	170.98	ng/ul	97
69) Pentachlorophenol	17.13	266	92361	184.66	ng/ul	93
75) Carbazole	17.89	167	577163	148.21	ng/ul	97
77) Fluoranthene	19.52	202	763421	163.03	ng/ul	99
82) 3,3'-Dichlorobenzidine	21.64	252	243086	139.30	ng/ul	99
87) Di-n-octyl phthalate	22.84	149	916648	141.05	ng/ul	100

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

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