Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG100415\
Data File : BG019005.D
Acq On : 4 Oct 2015 15:16
Operator : UM/NP
Sample : SSTD16030
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTD16030

Manual Integrations APPROVED
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10/5/2015 1:26:45 PM

Quant Time: Oct 05 01:11:21 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG100415.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Oct 05 00:45:11 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	34891	20.00	ng/ul	0.00
18) Naphthalene-d8	10.86	136	152343	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.68	164	93165	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.42	188	215542	20.00	ng/ul	0.00
78) Chrysene-d12	21.69	240	221641	20.00	ng/ul	0.01
86) Perylene-d12	24.91	264	229890	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	7.21	99	463266	156.11	ng/ul	0.02
7) Bis-(2-Chloroethyl)ether-d	7.39	67	296246	152.62	ng/ul	0.01
9) 2-Chlorophenol-d4	0.00	132	0d	0.00	ng/ul	
13) 4-Methylphenol-d8	8.76	113	367299	156.96	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	10.99	131	367845	130.36	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	14.88	143	219048	153.35	ng/ul	0.03
58) Fluorene-d10	0.00	176	0d	0.00	ng/ul	
63) 4,6-Dinitro-2-methylphenol	15.79	200	200986	186.96	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	7.19	77	210492	117.22	ng/ul	98
6) Phenol	7.24	94	467367	153.82	ng/ul	98
8) Bis(2-Chloroethyl)ether	7.48	93	345038	149.09	ng/ul	100
11) 2-Methylphenol	8.49	108	368746	157.93	ng/ul	92
12) 2,2'-oxybis(1-Chloropropan	8.59	45	677063	149.02	ng/ul	98
14) Acetophenone	8.88	105	536985	146.19	ng/ul	98
16) 4-Methylphenol	8.84	108	397700	154.59	ng/ul	96
30) 4-Chloroaniline	11.02	127	381358	129.04	ng/ul	95
32) Caprolactam	11.84	113	128521m	161.19	ng/ul	
38) Hexachlorocyclopentadiene	12.86	237	299459	156.35	ng/ul	99
49) 3-Nitroaniline	14.58	138	198691	143.12	ng/ul	93
51) 2,4-Dinitrophenol	14.78	184	154037	207.04	ng/ul	92
53) 4-Nitrophenol	14.89	109	165658	148.63	ng/ul	95
61) 4-Nitroaniline	15.76	138	237174	150.60	ng/ul	95
64) 4,6-Dinitro-2-methylphenol	15.81	198	204120	180.70	ng/ul#	98
68) Atrazine	16.89	200	365697	141.81	ng/ul	96
69) Pentachlorophenol	17.07	266	261105	161.45	ng/ul	94
75) Carbazole	17.82	167	1382409	129.80	ng/ul	95
77) Fluoranthene	19.47	202	1732661	120.97	ng/ul#	93
82) 3,3'-Dichlorobenzidine	21.58	252	551935	134.47	ng/ul	98
87) Di-n-octyl phthalate	22.81	149	1801421	137.36	ng/ul	100

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

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