Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG102815\
Data File : BG019381.D
Acq On : 28 Oct 2015 14:37
Operator : UM/NP
Sample : SSTD16015
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTD16015

Manual Integrations APPROVED
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10/30/2015 6:31:45 PM

Quant Time: Oct 28 15:27:52 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG102815.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Oct 28 15:37:25 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.21	152	27425	20.00	ng/ul	0.00
18) Naphthalene-d8	11.04	136	111163	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.84	164	87780	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.58	188	236625	20.00	ng/ul	0.00
78) Chrysene-d12	21.87	240	296355	20.00	ng/ul	0.00
86) Perylene-d12	25.25	264	274331	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	7.36	99	424796	171.07	ng/ul	0.02
7) Bis-(2-Chloroethyl)ether-d	7.52	67	253731	158.73	ng/ul	0.00
9) 2-Chlorophenol-d4	0.00	132	0d	0.00	ng/ul	
13) 4-Methylphenol-d8	8.93	113	338266	171.01	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	11.17	131	259274	114.96	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	15.04	143	184987	161.12	ng/ul	0.03
58) Fluorene-d10	0.00	176	0d	0.00	ng/ul	
63) 4,6-Dinitro-2-methylphenol	15.95	200	265093	176.70	ng/ul	0.02
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	7.33	77	102443	54.29	ng/ul	97
6) Phenol	7.39	94	445810	167.86	ng/ul	99
8) Bis(2-Chloroethyl)ether	7.62	93	295032	160.17	ng/ul	97
11) 2-Methylphenol	8.65	108	328411	167.03	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.74	45	236428	160.14	ng/ul	98
14) Acetophenone	9.05	105	543322	161.77	ng/ul	91
16) 4-Methylphenol	9.00	108	360627	168.21	ng/ul	99
30) 4-Chloroaniline	11.20	127	271698	114.90	ng/ul	97
32) Caprolactam	11.99	113	106117m	144.39	ng/ul	
38) Hexachlorocyclopentadiene	13.02	237	454029	171.56	ng/ul	98
49) 3-Nitroaniline	14.74	138	189128	143.67	ng/ul	92
51) 2,4-Dinitrophenol	14.94	184	198121m	180.35	ng/ul	
53) 4-Nitrophenol	15.06	109	278690	154.34	ng/ul#	80
61) 4-Nitroaniline	15.92	138	233843	157.25	ng/ul	94
64) 4,6-Dinitro-2-methylphenol	15.96	198	278030	169.92	ng/ul#	90
68) Atrazine	17.03	200	467170	152.56	ng/ul	99
69) Pentachlorophenol	17.22	266	320719	188.58	ng/ul	96
75) Carbazole	17.98	167	1452172	147.09	ng/ul#	91
77) Fluoranthene	19.62	202	2154568	135.01	ng/ul#	92
82) 3,3'-Dichlorobenzidine	21.76	252	838804	141.05	ng/ul	93
87) Di-n-octyl phthalate	23.01	149	1871048	148.44	ng/ul	100

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

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