Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG021017\
Data File : BG025827.D
Acq On : 10 Feb 2017 12:58
Operator : SJ/MA
Sample : SSTD16009
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTD16009

Manual Integrations APPROVED
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2/13/2017 8:53:27 AM

Quant Time: Feb 10 14:15:24 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG021017MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Feb 10 13:52:51 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	88176	20.00	ng/ul	0.00
18) Naphthalene-d8	10.90	136	466366	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.69	164	330004	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.43	188	638115	20.00	ng/ul	0.00
77) Chrysene-d12	21.69	240	619795	20.00	ng/ul	0.01
85) Perylene-d12	24.90	264	621878	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	7.25	99	1371157	198.33	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	7.42	67	786806	175.44	ng/ul	0.00
9) 2-Chlorophenol-d4	0.00	132	0d	0.00	ng/ul	
13) 4-Methylphenol-d8	8.80	113	1150576	200.79	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	11.02	131	1197384	145.26	ng/ul	0.00
43) Dimethylphthalate-d6	0.00	166	0d	0.00	ng/ul	
46) Acenaphthylene-d8	0.00	160	0d	0.00	ng/ul	
51) 4-Nitrophenol-d4	14.89	143	735836	233.20	ng/ul	0.04
57) Fluorene-d10	0.00	176	0d	0.00	ng/ul	
62) 4,6-Dinitro-2-methylphenol	15.81	200	620056	152.82	ng/ul	0.03
70) Anthracene-d10	0.00	188	0d	0.00	ng/ul	
78) Pyrene-d10	0.00	212	0d	0.00	ng/ul	
89) Benzo(a)pyrene-d12	0.00	264	0d	0.00	ng/ul	
Target Compounds						Qvalue
4) Benzaldehyde	7.23	77	624401	130.00	ng/ul	99
6) Phenol	7.28	94	1398205	193.52	ng/ul	95
8) Bis(2-Chloroethyl)ether	7.51	93	1003310	185.82	ng/ul#	82
11) 2-Methylphenol	8.53	108	1112753	209.45	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.63	45	1410313	143.57	ng/ul#	89
14) Acetophenone	8.92	105	1628158	183.43	ng/ul#	95
16) 4-Methylphenol	8.87	108	1228337	209.32	ng/ul	100
30) 4-Chloroaniline	11.05	127	1147160	139.62	ng/ul	97
32) Caprolactam	11.85	113	432743m	156.48	ng/ul	
37) Hexachlorocyclopentadiene	12.90	237	783551	181.50	ng/ul	99
48) 3-Nitroaniline	14.60	138	661024	169.06	ng/ul	97
50) 2,4-Dinitrophenol	14.80	184	461572	184.59	ng/ul	90
52) 4-Nitrophenol	14.91	109	433541	103.56	ng/ul#	63
60) 4-Nitroaniline	15.78	138	800925	205.55	ng/ul#	83
63) 4,6-Dinitro-2-methylphenol	15.82	198	638148	154.15	ng/ul	94
67) Atrazine	16.89	200	998990	129.33	ng/ul	98
68) Pentachlorophenol	17.08	266	707190	187.34	ng/ul	98
74) Carbazole	17.83	167	4100114	157.36	ng/ul#	87
76) Fluoranthene	19.47	202	4406587	114.16	ng/ul#	81
81) 3,3'-Dichlorobenzidine	21.57	252	1396439	120.57	ng/ul	98
86) Di-n-octyl phthalate	22.80	149	5255392	203.24	ng/ul#	88

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

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