Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG112316\
Data File : BG024907.D
Acq On : 23 Nov 2016 13:37
Operator : UM/SJ
Sample : SSTD16031
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTD16031

Manual Integrations APPROVED
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11/28/2016 4:47:33 PM

Quant Time: Nov 23 14:42:15 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG112316.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Nov 23 13:49:49 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.25	152	78365	20.00	ng/ul	0.00
18) Naphthalene-d8	11.08	136	357306	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.87	164	296627	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.61	188	661057	20.00	ng/ul	0.00
75) Chrysene-d12	21.92	240	816016	20.00	ng/ul	0.00
83) Perylene-d12	25.34	264	812027	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	7.40	99	1212454	180.59	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	7.57	67	709731	168.04	ng/ul	0.01
9) 2-Chlorophenol-d4	0.00	132	0d	0.00	ng/ul	
13) 4-Methylphenol-d8	8.96	113	1011573	179.44	ng/ul	0.01
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	11.22	131	903736	125.85	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	15.08	143	604184	156.98	ng/ul	0.03
57) Fluorene-d10	0.00	176	0d	0.00	ng/ul	
62) 4,6-Dinitro-2-methylphenol	15.99	200	779108	171.43	ng/ul	0.02
70) Anthracene-d10	0.00	188	0d	0.00	ng/ul	
76) Pyrene-d10	0.00	212	0d	0.00	ng/ul	
87) Benzo(a)pyrene-d12	0.00	264	0d	0.00	ng/ul	
Target Compounds						Qvalue
4) Benzaldehyde	7.39	77	321733	74.39	ng/ul	96
6) Phenol	7.43	94	1222907	174.38	ng/ul	94
8) Bis(2-Chloroethyl)ether	7.67	93	843102	168.90	ng/ul	95
11) 2-Methylphenol	8.69	108	931611	181.33	ng/ul	93
12) 2,2'-oxybis(1-Chloropropan	8.78	45	1389987	164.02	ng/ul#	94
14) Acetophenone	9.09	105	1462086	172.23	ng/ul	94
16) 4-Methylphenol	9.04	108	998033	179.58	ng/ul	95
30) 4-Chloroaniline	11.24	127	891202	128.65	ng/ul	95
32) Caprolactam	12.06	113	390801m	160.94	ng/ul	
37) Hexachlorocyclopentadiene	13.04	237	1025711	165.36	ng/ul	98
48) 3-Nitroaniline	14.79	138	602466	149.48	ng/ul#	94
50) 2,4-Dinitrophenol	14.99	184	581793	186.42	ng/ul	85
52) 4-Nitrophenol	15.10	109	710431	154.18	ng/ul	93
60) 4-Nitroaniline	15.97	138	726706	158.52	ng/ul	97
63) 4,6-Dinitro-2-methylphenol	16.01	198	790623	171.55	ng/ul#	95
67) Atrazine	17.06	200	1213874	144.97	ng/ul	99
68) Pentachlorophenol	17.26	266	907814	172.86	ng/ul	94
72) Carbazole	18.03	167	3781289	135.24	ng/ul#	83
74) Fluoranthene	19.65	202	4571619	119.43	ng/ul#	85
79) 3,3'-Dichlorobenzidine	21.80	252	2062909	131.46	ng/ul	91
84) Di-n-octyl phthalate	23.02	149	4885395	142.12	ng/ul	100

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

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