Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_M\DATA\BM021418\
Data File : BM014236.D
Acq On : 14 Feb 2018 14:40
Operator : SJ/JU
Sample : SSTD16037
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD16037

Manual Integrations APPROVED
Sohil
2/15/2018 11:08:58 AM

Quant Time: Feb 14 15:15:14 2018
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM021418.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Feb 14 13:24:53 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.54	152	96642	20.00	ng/ul	0.00
18) Naphthalene-d8	10.31	136	459412	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.20	164	331423	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.96	188	802550	20.00	ng/ul	0.00
75) Chrysene-d12	21.17	240	693882	20.00	ng/ul	0.01
83) Perylene-d12	23.34	264	483229	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	6.75	99	1493178	205.57	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	6.90	67	819686	187.06	ng/ul	0.01
9) 2-Chlorophenol-d4	0.00	132	0d	0.00	ng/ul	
13) 4-Methylphenol-d8	8.27	113	1296617	213.19	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	10.47	131	991029	148.07	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	14.47	143	809672	213.61	ng/ul	0.04
57) Fluorene-d10	0.00	176	0d	0.00	ng/ul	
62) 4,6-Dinitro-2-methylphenol	15.37	200	949552	192.68	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	6.70	77	210425	60.398	ng/ul	95
6) Phenol	6.77	94	1576318	216.924	ng/ul	94
8) Bis(2-Chloroethyl)ether	6.99	93	1052236	186.254	ng/ul	96
11) 2-Methylphenol	8.00	108	1182619	211.332	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.07	45	1062467	187.236	ng/ul#	74
14) Acetophenone	8.38	105	2175849	211.916	ng/ul	93
16) 4-Methylphenol	8.35	108	1300580	217.505	ng/ul	93
30) 4-Chloroaniline	10.50	127	1018026	151.790	ng/ul	93
32) Caprolactam	11.35	113	397523m	201.800	ng/ul	
37) Hexachlorocyclopentadiene	12.33	237	1198691	181.897	ng/ul	99
48) 3-Nitroaniline	14.15	138	828371	214.043	ng/ul	95
50) 2,4-Dinitrophenol	14.36	184	634448	229.649	ng/ul#	77
52) 4-Nitrophenol	14.49	109	1006753	220.387	ng/ul#	75
60) 4-Nitroaniline	15.34	138	1003688	230.765	ng/ul#	81
63) 4,6-Dinitro-2-methylphenol	15.39	198	972955	194.822	ng/ul#	97
67) Atrazine	16.46	200	1495469	160.797	ng/ul	94
68) Pentachlorophenol	16.62	266	986939	187.812	ng/ul	97
72) Carbazole	17.38	167	6814830	182.767	ng/ul	98
74) Fluoranthene	19.03	202	9189408	163.686	ng/ul#	90
79) 3,3'-Dichlorobenzidine	21.09	252	2491086	230.378	ng/ul#	94
84) Di-n-octyl phthalate	21.95	149	7954203	258.582	ng/ul	98

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

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