Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM111617\
Data File : BM012967.D
Acq On : 16 Nov 2017 16:09
Operator : SJ/JU
Sample : SSTD16031
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD16031

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11/17/2017 5:13:23 PM

Quant Time: Nov 16 17:07:14 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM111617.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Nov 16 16:08:46 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.73	152	146152	20.00	ng/ul	0.00
18) Naphthalene-d8	10.52	136	588624	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.37	164	338518	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.12	188	777761	20.00	ng/ul	0.00
75) Chrysene-d12	21.31	240	874002	20.00	ng/ul	0.00
83) Perylene-d12	23.55	264	882984	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	6.91	99	2043271	148.98	ng/ul	0.02
7) Bis-(2-Chloroethyl)ether-d	7.08	67	1143656	136.55	ng/ul	0.01
9) 2-Chlorophenol-d4	0.00	132	0d	0.00	ng/ul	
13) 4-Methylphenol-d8	8.45	113	1664854	143.45	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	10.66	131	1436401	133.01	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	14.59	143	847174	165.11	ng/ul	0.02
57) Fluorene-d10	0.00	176	0d	0.00	ng/ul	
62) 4,6-Dinitro-2-methylphenol	15.50	200	723844	144.43	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	6.88	77	703174	92.165	ng/ul	88
6) Phenol	6.93	94	2040341	150.560	ng/ul#	81
8) Bis(2-Chloroethyl)ether	7.18	93	1515333	145.532	ng/ul	98
11) 2-Methylphenol	8.18	108	1517146	148.914	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.27	45	1667510	103.814	ng/ul#	81
14) Acetophenone	8.56	105	2505961	150.310	ng/ul	87
16) 4-Methylphenol	8.52	108	1604776	142.421	ng/ul	96
30) 4-Chloroaniline	10.68	127	1397165	133.419	ng/ul	94
32) Caprolactam	11.47	113	481051m	150.167	ng/ul	
37) Hexachlorocyclopentadiene	12.54	237	1540021	459.891	ng/ul	99
48) 3-Nitroaniline	14.29	138	700710	135.373	ng/ul	90
50) 2,4-Dinitrophenol	14.49	184	449914	152.325	ng/ul	96
52) 4-Nitrophenol	14.60	109	748043	190.950	ng/ul#	78
60) 4-Nitroaniline	15.46	138	977650	166.145	ng/ul	95
63) 4,6-Dinitro-2-methylphenol	15.52	198	757619	147.146	ng/ul#	90
67) Atrazine	16.61	200	1485186	162.543	ng/ul	92
68) Pentachlorophenol	16.77	266	954830	181.592	ng/ul	99
72) Carbazole	17.53	167	6418653	159.221	ng/ul	100
74) Fluoranthene	19.19	202	8812361	172.567	ng/ul#	92
79) 3,3'-Dichlorobenzidine	21.23	252	2848110	161.745	ng/ul	95
84) Di-n-octyl phthalate	22.14	149	9730268	168.105	ng/ul	99

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

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