Quantitation Report (QT Reviewed)

Data Path : U:\HPCHEM1\BNA M\DATA\BM011018\
Data File : BM013562.D
Acq On : 10 Jan 2018 12:12
Operator : SJ/JU
Sample : SSTD16013
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD16013

Manual Integrations APPROVED
Sohil
1/10/2018 5:55:17 PM

Quant Time: Jan 10 13:07:30 2018
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jan 10 12:28:36 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	138747	20.00	ng/ul	0.00
18) Naphthalene-d8	10.41	136	541791	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.28	164	323747	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.03	188	732029	20.00	ng/ul	0.00
75) Chrysene-d12	21.23	240	758028	20.00	ng/ul	0.00
83) Perylene-d12	23.43	264	695687	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	6.82	99	1771103	147.52	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	6.97	67	1009764	147.48	ng/ul	0.00
9) 2-Chlorophenol-d4	0.00	132	0d	0.00	ng/ul	
13) 4-Methylphenol-d8	8.36	113	1383185	134.87	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	10.56	131	1257037	144.33	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	14.53	143	769002	153.63	ng/ul	0.03
57) Fluorene-d10	0.00	176	0d	0.00	ng/ul	
62) 4,6-Dinitro-2-methylphenol	15.43	200	825775	179.32	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	6.78	77	895938	150.832	ng/ul	90
6) Phenol	6.85	94	1779019	149.913	ng/ul#	84
8) Bis(2-Chloroethyl)ether	7.07	93	1339057	147.580	ng/ul	99
11) 2-Methylphenol	8.08	108	1335845	145.545	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.17	45	1364440	143.217	ng/ul#	79
14) Acetophenone	8.46	105	2233265	143.193	ng/ul	89
16) 4-Methylphenol	8.43	108	1406937	143.347	ng/ul	94
30) 4-Chloroaniline	10.58	127	1248262	148.044	ng/ul	95
32) Caprolactam	11.41	113	395357m	141.329	ng/ul	
37) Hexachlorocyclopentadiene	12.43	237	1016561	132.210	ng/ul	99
48) 3-Nitroaniline	14.21	138	670737	133.527	ng/ul	88
50) 2,4-Dinitrophenol	14.42	184	585633	188.311	ng/ul	90
52) 4-Nitrophenol	14.55	109	721727	146.976	ng/ul#	81
60) 4-Nitroaniline	15.39	138	740782	124.993	ng/ul	95
63) 4,6-Dinitro-2-methylphenol	15.45	198	856970	186.223	ng/ul#	90
67) Atrazine	16.52	200	1451004	182.303	ng/ul	92
68) Pentachlorophenol	16.69	266	918804	167.400	ng/ul	97
72) Carbazole	17.44	167	5768144	157.753	ng/ul	99
74) Fluoranthene	19.10	202	7874939	154.517	ng/ul#	90
79) 3,3'-Dichlorobenzidine	21.15	252	2092067	131.289	ng/ul#	95
84) Di-n-octyl phthalate	22.02	149	7936609	160.431	ng/ul	100

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

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