Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM012317\
Data File : BM008806.D
Acq On : 23 Jan 2017 16:05
Operator : UM/SJ
Sample : SSTD16040
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD16040

Manual Integrations APPROVED
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Quant Time: Jan 23 16:56:23 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM012317.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jan 23 04:58:16 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.94	152	92249	20.00	ng/ul	-0.02
18) Naphthalene-d8	10.75	136	397428	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.58	164	338099	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.33	188	725462	20.00	ng/ul	0.00
75) Chrysene-d12	21.50	240	808243	20.00	ng/ul	0.01
83) Perylene-d12	23.86	264	642657	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	7.11	99	1297697	171.20	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	7.28	67	982102	190.97	ng/ul	0.00
9) 2-Chlorophenol-d4	0.00	132	0d	0.00	ng/ul	
13) 4-Methylphenol-d8	8.66	113	1000890	170.28	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	10.89	131	900509	132.45	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	14.79	143	593956	162.81	ng/ul	0.03
57) Fluorene-d10	0.00	176	0d	0.00	ng/ul	
62) 4,6-Dinitro-2-methylphenol	15.70	200	776286	207.60	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	7.09	77	474378m	85.91	ng/ul	
6) Phenol	7.14	94	1400629	171.99	ng/ul#	55
8) Bis(2-Chloroethyl)ether	7.37	93	1021901	171.11	ng/ul#	76
11) 2-Methylphenol	8.38	108	1016066	169.81	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.48	45	1865878	201.93	ng/ul#	91
14) Acetophenone	8.78	105	1871962	181.27	ng/ul#	69
16) 4-Methylphenol	8.73	108	1061077	164.23	ng/ul	97
30) 4-Chloroaniline	10.92	127	957539	137.41	ng/ul	95
32) Caprolactam	11.76	113	306160m	164.62	ng/ul	
37) Hexachlorocyclopentadiene	12.74	237	1372188	190.41	ng/ul	99
48) 3-Nitroaniline	14.50	138	561934	142.51	ng/ul#	78
50) 2,4-Dinitrophenol	14.70	184	546327	202.08	ng/ul#	42
52) 4-Nitrophenol	14.81	109	1193516	196.61	ng/ul#	67
60) 4-Nitroaniline	15.68	138	644683	149.60	ng/ul#	8
63) 4,6-Dinitro-2-methylphenol	15.72	198	787144	199.05	ng/ul#	69
67) Atrazine	16.79	200	1364858	168.69	ng/ul	97
68) Pentachlorophenol	16.97	266	965946	182.53	ng/ul	99
72) Carbazole	17.73	167	5293548	165.73	ng/ul	98
74) Fluoranthene	19.38	202	7579955	168.82	ng/ul#	95
79) 3,3'-Dichlorobenzidine	21.41	252	2225516	144.47	ng/ul	98
84) Di-n-octyl phthalate	22.30	149	6540380	195.44	ng/ul#	85

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

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