Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM032317\
Data File : BM009343.D
Acq On : 23 Mar 2017 14:50
Operator : SJ/MA
Sample : SSTD16056
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD16056

Manual Integrations APPROVED
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3/24/2017 4:09:13 PM

Quant Time: Mar 23 19:18:06 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032317MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Mar 21 03:09:49 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.86	152	184333	20.00	ng/ul	-0.02
18) Naphthalene-d8	10.66	136	748224	20.00	ng/ul	-0.01
35) Acenaphthene-d10	14.50	164	525835	20.00	ng/ul	-0.01
61) Phenanthrene-d10	17.26	188	1051558	20.00	ng/ul	0.00
77) Chrysene-d12	21.43	240	1373824	20.00	ng/ul	0.00
85) Perylene-d12	23.76	264	1233016	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	7.03	99	2864470	143.64	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.20	67	1989447	153.17	ng/ul	0.00
9) 2-Chlorophenol-d4	0.00	132	0d	0.00	ng/ul	
13) 4-Methylphenol-d8	8.58	113	2142402	134.67	ng/ul	0.00
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	10.81	131	1876913	124.23	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	14.73	143	1160082	146.32	ng/ul	0.02
57) Fluorene-d10	0.00	176	0d	0.00	ng/ul	
62) 4,6-Dinitro-2-methylphenol	15.64	200	1259282	200.16	ng/ul	0.01
70) Anthracene-d10	0.00	188	0d	0.00	ng/ul	
78) Pyrene-d10	0.00	212	0d	0.00	ng/ul	
89) Benzo(a)pyrene-d12	0.00	264	0d	0.00	ng/ul	
Target Compounds						Qvalue
4) Benzaldehyde	7.01	77	1189688	89.02	ng/ul	81
6) Phenol	7.06	94	3037085	142.62	ng/ul#	81
8) Bis(2-Chloroethyl)ether	7.29	93	2353219	154.28	ng/ul#	80
11) 2-Methylphenol	8.30	108	2150539	139.40	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.39	45	3769460	148.35	ng/ul#	86
14) Acetophenone	8.70	105	3584115	134.12	ng/ul#	76
16) 4-Methylphenol	8.65	108	2297741	131.37	ng/ul	100
30) 4-Chloroaniline	10.83	127	1972360	123.19	ng/ul	100
32) Caprolactam	11.66	113	637076m	121.63	ng/ul	
37) Hexachlorocyclopentadiene	12.66	237	1913830	214.03	ng/ul	98
48) 3-Nitroaniline	14.43	138	1039907	126.71	ng/ul#	78
50) 2,4-Dinitrophenol	14.63	184	945323	187.12	ng/ul#	81
52) 4-Nitrophenol	14.75	109	1329511	143.56	ng/ul#	77
60) 4-Nitroaniline	15.61	138	1118744m	120.08	ng/ul	
63) 4,6-Dinitro-2-methylphenol	15.66	198	1305414	197.58	ng/ul	95
67) Atrazine	16.73	200	2101948	170.12	ng/ul	94
68) Pentachlorophenol	16.90	266	1491275	179.63	ng/ul	99
74) Carbazole	17.67	167	9257779	166.18	ng/ul	98
76) Fluoranthene	19.31	202	11901025	161.34	ng/ul	99
81) 3,3'-Dichlorobenzidine	21.35	252	3780439	145.28	ng/ul	98
86) Di-n-octyl phthalate	22.23	149	12382368	186.74	ng/ul#	78

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

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