Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM012618\
Data File : BM013836.D
Acq On : 26 Jan 2018 10:33
Operator : SJ/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02045

Manual Integrations APPROVED
Sohil
1/29/2018 7:20:08 PM

Quant Time: Jan 26 22:35:46 2018
Quant Method : Z:\HPCHEM1\BNA_M\Methods\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jan 26 02:50:24 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	119943	20.00	ng/ul	0.00
18) Naphthalene-d8	10.36	136	444975	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.24	164	254062	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.99	188	591175	20.00	ng/ul	0.00
75) Chrysene-d12	21.19	240	662533	20.00	ng/ul	0.00
83) Perylene-d12	23.39	264	658988	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.15	96	18778	6.19	ng/uL	0.00
5) Phenol-d5	6.77	99	167494	18.19	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.93	67	99828	17.89	ng/ul	0.00
9) 2-Chlorophenol-d4	7.13	132	146371	19.51	ng/ul	0.00
13) 4-Methylphenol-d8	8.30	113	128025	18.09	ng/ul	0.00
19) Nitrobenzene-d5	8.75	128	70704	20.48	ng/ul	0.00
22) 2-Nitrophenol-d4	9.46	143	71368	19.56	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.00	165	141853	20.13	ng/ul	0.00
29) 4-Chloroaniline-d4	10.52	131	154274	25.23	ng/ul	0.00
43) Dimethylphthalate-d6	13.66	166	415273	19.83	ng/ul	0.00
46) Acenaphthylene-d8	13.93	160	536633	20.10	ng/ul	0.00
51) 4-Nitrophenol-d4	14.47	143	57867	17.01	ng/ul	0.00
57) Fluorene-d10	15.24	176	371316	20.16	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.38	200	67704	19.03	ng/ul	0.00
70) Anthracene-d10	17.09	188	576885	20.03	ng/ul	0.00
76) Pyrene-d10	19.40	212	664593	21.54	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.24	264	616562	20.36	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.18	88	21621m	6.504	ng/uL	
4) Benzaldehyde	6.75	77	119537	18.759	ng/ul	87
6) Phenol	6.80	94	168161	18.208	ng/ul	89
8) Bis(2-Chloroethyl)ether	7.03	93	133412	18.461	ng/ul	98
10) 2-Chlorophenol	7.16	128	137596	18.400	ng/ul	98
11) 2-Methylphenol	8.04	108	124792	18.330	ng/ul	97
12) 2,2'-oxybis(1-Chloropropan	8.13	45	125846	17.114	ng/ul#	80
14) Acetophenone	8.42	105	210725	17.990	ng/ul	87
15) N-Nitroso-di-n-propylamine	8.40	70	104317	18.254	ng/ul#	70
16) 4-Methylphenol	8.37	108	131598	18.078	ng/ul	94
17) Hexachloroethane	8.65	117	69933	19.213	ng/ul#	74
20) Nitrobenzene	8.79	77	168922	18.938	ng/ul	96
21) Isophorone	9.31	82	262602	18.222	ng/ul#	93
23) 2-Nitrophenol	9.49	139	75588	19.880	ng/ul#	83
24) 2,4-Dimethylphenol	9.56	107	158068	19.718	ng/ul	92
25) Bis(2-Chloroethoxy)methane	9.79	93	162024	18.442	ng/ul	96
27) 2,4-Dichlorophenol	10.03	162	144198	21.229	ng/ul	94
28) Naphthalene	10.41	128	446469	20.168	ng/ul	97
30) 4-Chloroaniline	10.54	127	148204	24.442	ng/ul	95
31) Hexachlorobutadiene	10.69	225	119384	21.412	ng/ul	94
32) Caprolactam	11.32	113	34299m	18.151	ng/ul	
33) 4-Chloro-3-methylphenol	11.67	107	133959	19.455	ng/ul	93
34) 2-Methylnaphthalene	12.03	142	330339	20.015	ng/ul	91

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.41	216	195411	20.758 ng/ul	98
37) Hexachlorocyclopentadiene	12.38	237	61069	15.626 ng/ul	98
38) 2,4,6-Trichlorophenol	12.66	196	117450	21.554 ng/ul	97
39) 2,4,5-Trichlorophenol	12.74	196	114699	20.229 ng/ul	96
40) 1,1'-Biphenyl	13.06	154	427127	20.197 ng/ul	97
41) 2-Chloronaphthalene	13.10	162	339284	20.523 ng/ul	99
42) 2-Nitroaniline	13.33	65	90337	19.810 ng/ul	96
44) Dimethylphthalate	13.70	163	402303	19.541 ng/ul	100
45) 2,6-Dinitrotoluene	13.83	165	84432	21.163 ng/ul#	94
47) Acenaphthylene	13.96	152	483474	19.789 ng/ul	98
48) 3-Nitroaniline	14.17	138	68562	21.851 ng/ul#	91
49) Acenaphthene	14.30	153	335057	19.802 ng/ul	95
50) 2,4-Dinitrophenol	14.39	184	31436	13.745 ng/ul#	85
52) 4-Nitrophenol	14.49	109	61563	17.809 ng/ul#	77
53) Dibenzofuran	14.64	168	505896	19.874 ng/ul	97
54) 2,4-Dinitrotoluene	14.63	165	117653	20.230 ng/ul	86
55) 2,3,4,6-Tetrachlorophenol	14.87	232	110126	20.649 ng/ul#	92
56) Diethylphthalate	15.08	149	408672	19.725 ng/ul	94
58) Fluorene	15.29	166	419919	20.139 ng/ul	93
59) 4-Chlorophenyl-phenylether	15.29	204	221342	19.646 ng/ul	96
60) 4-Nitroaniline	15.34	138	69886	19.036 ng/ul#	84
63) 4,6-Dinitro-2-methylphenol	15.40	198	72405	19.277 ng/ul	91
64) N-Nitrosodiphenylamine	15.51	169	349252	20.087 ng/ul	99
65) 4-Bromophenyl-phenylether	16.19	248	143955	20.617 ng/ul	90
66) Hexachlorobenzene	16.30	284	151381	20.141 ng/ul#	92
67) Atrazine	16.47	200	136095	19.612 ng/ul	94
68) Pentachlorophenol	16.65	266	71416	17.881 ng/ul	96
69) Phenanthrene	17.03	178	663836	20.201 ng/ul	99
71) Anthracene	17.13	178	673606	19.874 ng/ul	98
72) Carbazole	17.41	167	567299	20.276 ng/ul	97
73) Di-n-butylphthalate	17.97	149	668201	20.307 ng/ul	99
74) Fluoranthene	19.06	202	796991	20.318 ng/ul#	96
77) Pyrene	19.43	202	849478	21.091 ng/ul#	96
78) Butylbenzylphthalate	20.34	149	307570	21.678 ng/ul	90
79) 3,3'-Dichlorobenzidine	21.12	252	255201	23.284 ng/ul	99
80) Benzo(a)anthracene	21.18	228	841275	21.014 ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.11	149	440315	20.685 ng/ul	98
82) Chrysene	21.23	228	744335	20.267 ng/ul	99
84) Di-n-octyl phthalate	21.98	149	740916	18.656 ng/ul	98
85) Benzo(b)fluoranthene	22.73	252	824253m	20.367 ng/ul	
86) Benzo(k)fluoranthene	22.77	252	791419	20.232 ng/ul#	99
88) Benzo(a)pyrene	23.29	252	767327	20.071 ng/ul#	98
89) Indeno(1,2,3-cd)pyrene	25.57	276	901448	19.975 ng/ul#	96
90) Dibenzo(a,h)anthracene	25.58	278	773933	20.308 ng/ul#	98
91) Benzo(g,h,i)perylene	26.24	276	768553	20.692 ng/ul#	96

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

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