Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM101617\
Data File : BM012248.D
Acq On : 17 Oct 2017 10:43
Operator : SJ/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD02013

Manual Integrations APPROVED
Sohil
10/17/2017 5:13:57 PM

Quant Time: Oct 17 11:52:36 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101217.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Oct 17 02:52:50 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	207538	20.00	ng/ul	0.00
18) Naphthalene-d8	10.59	136	893457	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.45	164	435752	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.20	188	944386	20.00	ng/ul	0.00
75) Chrysene-d12	21.38	240	816537	20.00	ng/ul	0.00
83) Perylene-d12	23.68	264	805183	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.21	96	22642	5.18	ng/uL	0.00
5) Phenol-d5	6.96	99	310455	18.44	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.13	67	196503	19.46	ng/ul	0.00
9) 2-Chlorophenol-d4	7.33	132	284347	19.91	ng/ul	0.00
13) 4-Methylphenol-d8	8.51	113	289211	19.95	ng/ul	0.00
19) Nitrobenzene-d5	8.96	128	133455	19.57	ng/ul	0.00
22) 2-Nitrophenol-d4	9.69	143	150811	18.93	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.23	165	312629	20.55	ng/ul	0.00
29) 4-Chloroaniline-d4	10.74	131	332435	23.35	ng/ul	0.00
43) Dimethylphthalate-d6	13.86	166	744044	19.32	ng/ul	0.00
46) Acenaphthylene-d8	14.14	160	917542	19.68	ng/ul	0.00
51) 4-Nitrophenol-d4	14.68	143	78260	13.52	ng/ul	0.00
57) Fluorene-d10	15.44	176	625721	19.80	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.59	200	71687	11.06	ng/ul	0.00
70) Anthracene-d10	17.30	188	907671	19.44	ng/ul	0.00
76) Pyrene-d10	19.59	212	882467	21.29	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.53	264	763295	19.66	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.25	88	21800	4.892	ng/uL	99
4) Benzaldehyde	6.94	77	206763	18.375	ng/ul	98
6) Phenol	6.99	94	316245	18.167	ng/ul	98
8) Bis(2-Chloroethyl)ether	7.22	93	256956	19.370	ng/ul	97
10) 2-Chlorophenol	7.36	128	282772	19.398	ng/ul	97
11) 2-Methylphenol	8.25	108	261484	19.972	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.33	45	276066	16.390	ng/ul	97
14) Acetophenone	8.62	105	421560	19.133	ng/ul	94
15) N-Nitroso-di-n-propylamine	8.60	70	220413	18.666	ng/ul	95
16) 4-Methylphenol	8.57	108	284083	19.691	ng/ul	95
17) Hexachloroethane	8.86	117	113323	18.423	ng/ul	94
20) Nitrobenzene	9.00	77	311105	18.365	ng/ul	98
21) Isophorone	9.53	82	550483	17.393	ng/ul	97
23) 2-Nitrophenol	9.72	139	164733	19.282	ng/ul	96
24) 2,4-Dimethylphenol	9.77	107	345470	20.065	ng/ul	99
25) Bis(2-Chloroethoxy)methane	10.00	93	343654	18.518	ng/ul	98
27) 2,4-Dichlorophenol	10.25	162	299057	19.959	ng/ul	96
28) Naphthalene	10.65	128	893819	19.336	ng/ul	98
30) 4-Chloroaniline	10.76	127	325822	23.275	ng/ul	98
31) Hexachlorobutadiene	10.92	225	212882	19.170	ng/ul	97
32) Caprolactam	11.56	113	67364	14.241	ng/ul#	80
33) 4-Chloro-3-methylphenol	11.90	107	236066m	15.038	ng/ul	
34) 2-Methylnaphthalene	12.26	142	547953	15.708	ng/ul	97

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36) 1,2,4,5-Tetrachlorobenzene	12.63	216	353534	22.350	ng/ul	98
37) Hexachlorocyclopentadiene	12.60	237	106119	15.052	ng/ul	97
38) 2,4,6-Trichlorophenol	12.88	196	220602	21.034	ng/ul	96
39) 2,4,5-Trichlorophenol	12.96	196	230408	21.347	ng/ul	99
40) 1,1'-Biphenyl	13.27	154	733799	19.953	ng/ul	99
41) 2-Chloronaphthalene	13.32	162	587582	20.362	ng/ul	100
42) 2-Nitroaniline	13.54	65	133662	16.647	ng/ul	99
44) Dimethylphthalate	13.90	163	728660	18.885	ng/ul	99
45) 2,6-Dinitrotoluene	14.04	165	152761	19.946	ng/ul	95
47) Acenaphthylene	14.17	152	891039	19.464	ng/ul	99
48) 3-Nitroaniline	14.37	138	124356	20.869	ng/ul	93
49) Acenaphthene	14.51	153	601715	19.514	ng/ul	98
50) 2,4-Dinitrophenol	14.60	184	41306	9.498	ng/ul	100
52) 4-Nitrophenol	14.69	109	68010	13.070	ng/ul	94
53) Dibenzofuran	14.85	168	879824	19.816	ng/ul	97
54) 2,4-Dinitrotoluene	14.84	165	210411	18.956	ng/ul	97
55) 2,3,4,6-Tetrachlorophenol	15.08	232	196908	19.935	ng/ul	100
56) Diethylphthalate	15.26	149	726274	17.413	ng/ul	99
58) Fluorene	15.50	166	709172	19.232	ng/ul	99
59) 4-Chlorophenyl-phenylether	15.49	204	403763	20.844	ng/ul	97
60) 4-Nitroaniline	15.54	138	110627	15.036	ng/ul	94
63) 4,6-Dinitro-2-methylphenol	15.60	198	74756	10.926	ng/ul#	95
64) N-Nitrosodiphenylamine	15.70	169	605185	20.473	ng/ul	99
65) 4-Bromophenyl-phenylether	16.38	248	251816	22.275	ng/ul	99
66) Hexachlorobenzene	16.50	284	267951	20.923	ng/ul	97
67) Atrazine	16.66	200	238459	19.293	ng/ul	99
68) Pentachlorophenol	16.86	266	112821	15.795	ng/ul	96
69) Phenanthrene	17.24	178	1039818	19.355	ng/ul	100
71) Anthracene	17.33	178	1074977	19.328	ng/ul	100
72) Carbazole	17.60	167	811161	17.233	ng/ul	99
73) Di-n-butylphthalate	18.15	149	1169064	17.889	ng/ul	99
74) Fluoranthene	19.26	202	1122925	17.320	ng/ul	99
77) Pyrene	19.62	202	1136689	21.079	ng/ul	98
78) Butylbenzylphthalate	20.50	149	433343	18.052	ng/ul	98
79) 3,3'-Dichlorobenzidine	21.30	252	336796	20.725	ng/ul	98
80) Benzo(a)anthracene	21.36	228	1015996	19.122	ng/ul	100
81) Bis(2-ethylhexyl)phthalate	21.27	149	653758	18.150	ng/ul	98
82) Chrysene	21.42	228	942107	18.886	ng/ul	99
84) Di-n-octyl phthalate	22.16	149	1243543	21.125	ng/ul	98
85) Benzo(b)fluoranthene	22.99	252	1060816	20.189	ng/ul	99
86) Benzo(k)fluoranthene	23.03	252	1052197	20.779	ng/ul	99
88) Benzo(a)pyrene	23.58	252	959866	19.382	ng/ul	99
89) Indeno(1,2,3-cd)pyrene	26.03	276	1125126	21.394	ng/ul	99
90) Dibenzo(a,h)anthracene	26.04	278	930928	21.057	ng/ul	98
91) Benzo(g,h,i)perylene	26.76	276	946512	21.974	ng/ul	98

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

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