Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM100418\
Data File : BM017002.D
Acq On : 04 Oct 2018 16:35
Operator : MJ/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02049

Quant Time: Oct 04 17:33:43 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM100418MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 04 15:26:45 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	179724	20.00	ng/ul	0.00
18) Naphthalene-d8	10.48	136	767892	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.34	164	433230	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.09	188	992089	20.00	ng/ul	0.00
78) Chrysene-d12	21.28	240	1140744	20.00	ng/ul	0.00
86) Perylene-d12	23.50	264	1172940	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.25	96	27803	7.69	ng/uL	0.00
5) Phenol-d5	6.88	99	290930	19.36	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.04	67	177344	19.47	ng/ul	0.00
9) 2-Chlorophenol-d4	7.23	132	241618	19.34	ng/ul	0.00
13) 4-Methylphenol-d8	8.40	113	227004	19.28	ng/ul	0.00
19) Nitrobenzene-d5	8.85	128	114360	20.38	ng/ul	0.00
22) 2-Nitrophenol-d4	9.57	143	114127	19.99	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.10	165	238023	20.26	ng/ul	0.00
29) 4-Chloroaniline-d4	10.62	131	307841	21.81	ng/ul	0.00
44) Dimethylphthalate-d6	13.75	166	693494	20.18	ng/ul	0.00
47) Acenaphthylene-d8	14.03	160	889716	20.25	ng/ul	0.00
52) 4-Nitrophenol-d4	14.54	143	127442	19.62	ng/ul	0.00
58) Fluorene-d10	15.33	176	620239	20.26	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.46	200	102450	17.51	ng/ul	0.00
71) Anthracene-d10	17.19	188	957208	20.20	ng/ul	0.00
79) Pyrene-d10	19.48	212	1041732	20.24	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.36	264	1228001	20.45	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.28	88	29461	7.754	ng/uL	99
4) Benzaldehyde	6.85	77	196504	21.070	ng/ul	94
6) Phenol	6.90	94	289229	19.243	ng/ul	98
8) Bis(2-Chloroethyl)ether	7.13	93	228680	19.652	ng/ul	100
10) 2-Chlorophenol	7.27	128	244750	19.679	ng/ul	99
11) 2-Methylphenol	8.14	108	216864	19.162	ng/ul	96
12) 2,2'-oxybis(1-Chloropropan	8.22	45	325275	19.434	ng/ul	99
14) Acetophenone	8.52	105	370251	19.791	ng/ul	100
15) N-Nitroso-di-n-propylamine	8.50	70	170814	19.616	ng/ul	98
16) 4-Methylphenol	8.46	108	233438	19.252	ng/ul	98
17) Hexachloroethane	8.77	117	99806	19.644	ng/ul	98
20) Nitrobenzene	8.89	77	262304	19.773	ng/ul	97
21) Isophorone	9.42	82	479398	19.915	ng/ul	99
23) 2-Nitrophenol	9.60	139	130609	20.246	ng/ul	96
24) 2,4-Dimethylphenol	9.66	107	262712	20.076	ng/ul	100
25) Bis(2-Chloroethoxy)methane	9.90	93	308823	19.984	ng/ul	99
27) 2,4-Dichlorophenol	10.13	162	227040	19.893	ng/ul	98
28) Naphthalene	10.53	128	778901	19.742	ng/ul	100
30) 4-Chloroaniline	10.64	127	314738	22.002	ng/ul	99
31) Hexachlorobutadiene	10.81	225	157362	20.278	ng/ul	97
32) Caprolactam	11.41	113	68171	19.596	ng/ul	96
33) 4-Chloro-3-methylphenol	11.77	107	236190	20.142	ng/ul	97
34) 2-Methylnaphthalene	12.15	142	559454	20.079	ng/ul	100

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
35) 1-Methylnaphthalene	12.37	142	543230	20.025 ng/ul	99
37) 1,2,4,5-Tetrachlorobenzene	12.52	216	297337	19.987 ng/ul	97
38) Hexachlorocyclopentadiene	12.49	237	179743	18.843 ng/ul	97
39) 2,4,6-Trichlorophenol	12.76	196	179220	19.963 ng/ul	95
40) 2,4,5-Trichlorophenol	12.83	196	197208	20.464 ng/ul	97
41) 1,1'-Biphenyl	13.17	154	707422	19.807 ng/ul	99
42) 2-Chloronaphthalene	13.20	162	560536	19.922 ng/ul	99
43) 2-Nitroaniline	13.42	65	125299	20.406 ng/ul	98
45) Dimethylphthalate	13.80	163	680962	20.007 ng/ul	99
46) 2,6-Dinitrotoluene	13.92	165	119014	20.769 ng/ul	99
48) Acenaphthylene	14.06	152	846716	20.123 ng/ul	99
49) 3-Nitroaniline	14.25	138	131924	20.699 ng/ul	98
50) Acenaphthene	14.40	153	599694	20.056 ng/ul	99
51) 2,4-Dinitrophenol	14.46	184	60868	16.465 ng/ul	97
53) 4-Nitrophenol	14.56	109	95793	20.314 ng/ul	99
54) Dibenzofuran	14.74	168	841822	19.938 ng/ul	98
55) 2,4-Dinitrotoluene	14.71	165	192182	20.728 ng/ul	99
56) 2,3,4,6-Tetrachlorophenol	14.97	232	174044	20.130 ng/ul#	99
57) Diethylphthalate	15.17	149	668002	20.067 ng/ul	99
59) Fluorene	15.39	166	692827	20.126 ng/ul	100
60) 4-Chlorophenyl-phenylether	15.39	204	362808	20.221 ng/ul	99
61) 4-Nitroaniline	15.42	138	147663	19.630 ng/ul	99
64) 4,6-Dinitro-2-methylphenol	15.47	198	111745	18.020 ng/ul	100
65) N-Nitrosodiphenylamine	15.60	169	586801	19.965 ng/ul	100
66) 4-Bromophenyl-phenylether	16.29	248	221678	19.904 ng/ul	100
67) Hexachlorobenzene	16.39	284	250107	19.874 ng/ul	99
68) Atrazine	16.56	200	199650	19.537 ng/ul	99
69) Pentachlorophenol	16.74	266	144899	19.098 ng/ul	95
70) Phenanthrene	17.13	178	1114966	20.044 ng/ul	99
72) Anthracene	17.22	178	1137017	20.116 ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	13.13	216	313675	19.812 ng/uL	100
74) Pentachlorobenzene	14.66	250	294254	19.782 ng/uL	100
75) Carbazole	17.49	167	976907	19.970 ng/ul	99
76) Di-n-butylphthalate	18.06	149	1085337	19.845 ng/ul	99
77) Fluoranthene	19.15	202	1299313	20.165 ng/ul	99
80) Pyrene	19.51	202	1337900	20.242 ng/ul	99
81) Butylbenzylphthalate	20.42	149	455166	19.958 ng/ul	98
82) 3,3'-Dichlorobenzidine	21.20	252	400123	19.744 ng/ul	98
83) Benzo(a)anthracene	21.26	228	1389843	20.310 ng/ul	100
84) Bis(2-ethylhexyl)phthalate	21.20	149	727709	20.588 ng/ul	99
85) Chrysene	21.32	228	1340269	20.250 ng/ul	100
87) Di-n-octyl phthalate	22.08	149	1201268	19.153 ng/ul	100
88) Benzo(b)fluoranthene	22.84	252	1389486	19.894 ng/ul	99
89) Benzo(k)fluoranthene	22.88	252	1397776	20.832 ng/ul	100
91) Benzo(a)pyrene	23.41	252	1377191	20.460 ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.73	276	1606076	20.211 ng/ul	99
93) Dibenzo(a,h)anthracene	25.74	278	1354854	20.481 ng/ul	99
94) Benzo(g,h,i)perylene	26.41	276	1335308	20.179 ng/ul	99

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

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