Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM060619\
Data File : BM020760.D
Acq On : 06 Jun 2019 11:17
Operator : HP/JU
Sample : SSTD01012
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD01012

Quant Time: Jun 06 12:58:43 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM060619MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jun 06 12:49:31 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.81	152	278539	20.00	ng/ul	0.00
18) Naphthalene-d8	10.60	136	1110690	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.45	164	609108	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.19	188	1308284	20.00	ng/ul	0.00
77) Chrysene-d12	21.37	240	1213407	20.00	ng/ul	0.00
85) Perylene-d12	23.66	264	1326723	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.31	96	23810	3.15	ng/uL	0.00
5) Phenol-d5	6.97	99	191324	8.61	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.15	67	117820	8.34	ng/ul	0.00
9) 2-Chlorophenol-d4	7.35	132	157101	9.64	ng/ul	0.00
13) 4-Methylphenol-d8	8.51	113	148682	9.19	ng/ul	0.00
19) Nitrobenzene-d5	8.97	128	69752	9.65	ng/ul	0.00
22) 2-Nitrophenol-d4	9.69	143	67126	8.42	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.22	165	148605	8.82	ng/ul	0.00
29) 4-Chloroaniline-d4	10.74	131	170113	9.77	ng/ul	0.00
43) Dimethylphthalate-d6	13.86	166	414742	9.46	ng/ul	0.00
46) Acenaphthylene-d8	14.15	160	541857	9.88	ng/ul	0.00
51) 4-Nitrophenol-d4	14.64	143	63888	10.04	ng/ul	0.00
57) Fluorene-d10	15.44	176	359896	9.23	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.56	200	46456	6.23	ng/ul	0.00
70) Anthracene-d10	17.29	188	539603	9.62	ng/ul	0.00
78) Pyrene-d10	19.59	212	563760	9.65	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.51	264	555636	9.22	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.35	88	25058	3.182	ng/uL	99
4) Benzaldehyde	6.96	77	146735	7.708	ng/ul	98
6) Phenol	7.00	94	199599	8.539	ng/ul	98
8) Bis(2-Chloroethyl)ether	7.25	93	155509	8.803	ng/ul	97
10) 2-Chlorophenol	7.37	128	163877	9.854	ng/ul	94
11) 2-Methylphenol	8.25	108	141033	8.877	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.33	45	203590	16.948	ng/ul	99
14) Acetophenone	8.63	105	243704	8.821	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.62	70	122692	7.782	ng/ul	99
16) 4-Methylphenol	8.57	108	157374	9.144	ng/ul	94
17) Hexachloroethane	8.89	117	69699	8.874	ng/ul	99
20) Nitrobenzene	9.01	77	183394	7.792	ng/ul	97
21) Isophorone	9.53	82	316504	7.772	ng/ul	100
23) 2-Nitrophenol	9.72	139	79771	9.253	ng/ul	97
24) 2,4-Dimethylphenol	9.77	107	175415	8.873	ng/ul	100
25) Bis(2-Chloroethoxy)methane	10.02	93	204015	9.261	ng/ul	99
27) 2,4-Dichlorophenol	10.25	162	149875	9.140	ng/ul	97
28) Naphthalene	10.65	128	500212	9.802	ng/ul	99
30) 4-Chloroaniline	10.76	127	180356	10.131	ng/ul	96
31) Hexachlorobutadiene	10.93	225	104581	7.328	ng/ul	98
32) Caprolactam	11.54	113	35845	7.660	ng/ul	98
33) 4-Chloro-3-methylphenol	11.88	107	147164	8.880	ng/ul	99
34) 2-Methylnaphthalene	12.26	142	357813	9.684	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.63	216	190218	8.662	ng/ul	99
37) Hexachlorocyclopentadiene	12.61	237	107101	8.151	ng/ul	95
38) 2,4,6-Trichlorophenol	12.87	196	106111	8.270	ng/ul	97
39) 2,4,5-Trichlorophenol	12.94	196	117360	9.258	ng/ul	97
40) 1,1'-Biphenyl	13.28	154	460524	10.561	ng/ul	99
41) 2-Chloronaphthalene	13.32	162	353595	10.185	ng/ul	99
42) 2-Nitroaniline	13.53	65	84878	9.545	ng/ul	92
44) Dimethylphthalate	13.91	163	419548	9.678	ng/ul	99
45) 2,6-Dinitrotoluene	14.03	165	71047	9.388	ng/ul	95
47) Acenaphthylene	14.17	152	530054	10.254	ng/ul	100
48) 3-Nitroaniline	14.36	138	68983	10.849	ng/ul	97
49) Acenaphthene	14.51	153	369360	10.394	ng/ul	98
50) 2,4-Dinitrophenol	14.56	184	29142	6.217	ng/ul	93
52) 4-Nitrophenol	14.65	109	56115	8.436	ng/ul	96
53) Dibenzofuran	14.85	168	523186	9.722	ng/ul	100
54) 2,4-Dinitrotoluene	14.82	165	103910	8.973	ng/ul	97
55) 2,3,4,6-Tetrachlorophenol	15.07	232	92735	7.269	ng/ul	96
56) Diethylphthalate	15.27	149	407600	9.721	ng/ul	100
58) Fluorene	15.50	166	413817	9.599	ng/ul	99
59) 4-Chlorophenyl-phenylether	15.49	204	215146	8.505	ng/ul	99
60) 4-Nitroaniline	15.52	138	84179	12.172	ng/ul	98
63) 4,6-Dinitro-2-methylphenol	15.57	198	51592	6.654	ng/ul#	95
64) N-Nitrosodiphenylamine	15.71	169	354630	10.955	ng/ul	100
65) 4-Bromophenyl-phenylether	16.39	248	128107	8.975	ng/ul	95
66) Hexachlorobenzene	16.49	284	149647	8.946	ng/ul	100
67) Atrazine	16.66	200	114030	8.606	ng/ul	98
68) Pentachlorophenol	16.84	266	68549	7.042	ng/ul	98
69) Phenanthrene	17.23	178	633431	10.161	ng/ul	99
71) Anthracene	17.33	178	645953	10.187	ng/ul	100
72) 1,2,3,4-Tetrachlorobenzene	13.24	216	193298	9.674	ng/uL	99
73) Pentachlorobenzene	14.76	250	177927	9.150	ng/uL	97
74) Carbazole	17.60	167	554560	10.304	ng/ul	99
75) Di-n-butylphthalate	18.16	149	640245	10.959	ng/ul	99
76) Fluoranthene	19.25	202	705708	8.962	ng/ul	99
79) Pyrene	19.62	202	734261	10.082	ng/ul	98
80) Butylbenzylphthalate	20.52	149	252952	11.077	ng/ul	99
81) 3,3'-Dichlorobenzidine	21.30	252	224732	10.105	ng/ul	97
82) Benzo(a)anthracene	21.36	228	722994	9.900	ng/ul	99
83) Bis(2-ethylhexyl)phthalate	21.29	149	423980	12.792	ng/ul	100
84) Chrysene	21.41	228	677301	9.704	ng/ul	98
86) Di-n-octyl phthalate	22.18	149	626557	9.724	ng/ul	100
87) Benzo(b)fluoranthene	22.97	252	743901	9.824	ng/ul	98
88) Benzo(k)fluoranthene	23.01	252	670467	9.015	ng/ul	99
90) Benzo(a)pyrene	23.56	252	688751	9.665	ng/ul	99
91) Indeno(1,2,3-cd)pyrene	25.97	276	794258	9.782	ng/ul	100
92) Dibenzo(a,h)anthracene	25.98	278	667193	9.609	ng/ul	100
93) Benzo(g,h,i)perylene	26.67	276	657763	9.786	ng/ul	97

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

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