

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM091018\
 Data File : BM016712.D
 Acq On : 10 Sep 2018 16:05
 Operator : SJ/JU
 Sample : SSTDC0020
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD02054

Quant Time: Sep 10 17:14:17 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM091018MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Sep 10 15:28:07 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.74	152	201971	20.00	ng/ul	0.00
18) Naphthalene-d8	10.52	136	843012	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.38	164	453773	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.13	188	977628	20.00	ng/ul	0.00
78) Chrysene-d12	21.32	240	1072459	20.00	ng/ul	0.00
86) Perylene-d12	23.56	264	1109071	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.28	96	37316	7.90	ng/uL	0.00
5) Phenol-d5	6.90	99	332004	19.49	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.08	67	210557	19.96	ng/ul	0.00
9) 2-Chlorophenol-d4	7.27	132	277320	19.95	ng/ul	0.00
13) 4-Methylphenol-d8	8.44	113	261029	19.80	ng/ul	0.00
19) Nitrobenzene-d5	8.89	128	112645	20.33	ng/ul	0.00
22) 2-Nitrophenol-d4	9.61	143	106259	21.10	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.14	165	257556	20.13	ng/ul	0.00
29) 4-Chloroaniline-d4	10.66	131	314804	20.38	ng/ul	0.00
44) Dimethylphthalate-d6	13.80	166	725151	19.90	ng/ul	0.00
47) Acenaphthylene-d8	14.07	160	949315	20.17	ng/ul	0.00
52) 4-Nitrophenol-d4	14.57	143	117027	19.57	ng/ul	0.00
58) Fluorene-d10	15.37	176	632343	19.88	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.49	200	72193	17.99	ng/ul	0.00
71) Anthracene-d10	17.23	188	950216	20.15	ng/ul	0.00
79) Pyrene-d10	19.52	212	1024115	19.68	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.42	264	1152407	19.92	ng/ul	0.00

Target Compounds

					Qvalue
2) 1,4-Dioxane	3.31	88	39808	8.100	ng/uL# 76
4) Benzaldehyde	6.89	77	225296	23.500	ng/ul 91
6) Phenol	6.93	94	335551	19.733	ng/ul 99
8) Bis(2-Chloroethyl)ether	7.17	93	260400	19.889	ng/ul 94
10) 2-Chlorophenol	7.30	128	276301	19.786	ng/ul 99
11) 2-Methylphenol	8.18	108	252026	19.775	ng/ul 99
12) 2,2'-oxybis(1-Chloropropan	8.27	45	407733	19.693	ng/ul 96
14) Acetophenone	8.56	105	405355	19.840	ng/ul 97
15) N-Nitroso-di-n-propylamine	8.55	70	203859	19.940	ng/ul# 87
16) 4-Methylphenol	8.50	108	268472	19.929	ng/ul 97
17) Hexachloroethane	8.82	117	109824	20.023	ng/ul 90
20) Nitrobenzene	8.93	77	287113	20.491	ng/ul 91
21) Isophorone	9.46	82	549158	19.721	ng/ul 98
23) 2-Nitrophenol	9.64	139	120784	20.775	ng/ul 95
24) 2,4-Dimethylphenol	9.70	107	298820	19.918	ng/ul 90
25) Bis(2-Chloroethoxy)methane	9.95	93	341375	19.833	ng/ul 97
27) 2,4-Dichlorophenol	10.17	162	248838	20.238	ng/ul 98
28) Naphthalene	10.57	128	860015	19.840	ng/ul 100
30) 4-Chloroaniline	10.68	127	315317	20.399	ng/ul 97
31) Hexachlorobutadiene	10.86	225	165988	20.000	ng/ul 97
32) Caprolactam	11.44	113	75162	19.330	ng/ul 85
33) 4-Chloro-3-methylphenol	11.80	107	257576	19.988	ng/ul 94
34) 2-Methylnaphthalene	12.19	142	604055	19.778	ng/ul 98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.19	142	604055	19.778	ng/ul#	95
37) 1,2,4,5-Tetrachlorobenzene	12.56	216	309237	19.843	ng/ul#	97
38) Hexachlorocyclopentadiene	12.54	237	189761	19.556	ng/ul	97
39) 2,4,6-Trichlorophenol	12.80	196	178025	20.061	ng/ul	99
40) 2,4,5-Trichlorophenol	12.87	196	188746	19.489	ng/ul	95
41) 1,1'-Biphenyl	13.22	154	752267	19.928	ng/ul	97
42) 2-Chloronaphthalene	13.25	162	592490	20.055	ng/ul	99
43) 2-Nitroaniline	13.45	65	137798	21.174	ng/ul	90
45) Dimethylphthalate	13.85	163	711566	19.983	ng/ul	99
46) 2,6-Dinitrotoluene	13.96	165	117968	21.570	ng/ul	94
48) Acenaphthylene	14.10	152	894874	20.090	ng/ul	99
49) 3-Nitroaniline	14.28	138	118153	19.866	ng/ul#	93
50) Acenaphthene	14.45	153	627561	19.844	ng/ul	99
51) 2,4-Dinitrophenol	14.49	184	41925	17.137	ng/ul#	88
53) 4-Nitrophenol	14.59	109	93187	20.224	ng/ul	80
54) Dibenzofuran	14.78	168	865794	19.954	ng/ul	97
55) 2,4-Dinitrotoluene	14.74	165	174873	21.744	ng/ul	92
56) 2,3,4,6-Tetrachlorophenol	15.00	232	159331	20.340	ng/ul#	85
57) Diethylphthalate	15.22	149	706049	20.014	ng/ul	96
59) Fluorene	15.43	166	716873	20.111	ng/ul	99
60) 4-Chlorophenyl-phenylether	15.43	204	362909	20.080	ng/ul	92
61) 4-Nitroaniline	15.44	138	144851	19.827	ng/ul	88
64) 4,6-Dinitro-2-methylphenol	15.50	198	81447	18.099	ng/ul#	91
65) N-Nitrosodiphenylamine	15.64	169	611075	20.207	ng/ul	98
66) 4-Bromophenyl-phenylether	16.33	248	218483	19.753	ng/ul	95
67) Hexachlorobenzene	16.43	284	240885	20.236	ng/ul#	92
68) Atrazine	16.60	200	212950	19.924	ng/ul	99
69) Pentachlorophenol	16.77	266	122303	19.000	ng/ul	97
70) Phenanthrene	17.17	178	1098130	20.222	ng/ul	99
72) Anthracene	17.26	178	1119796	20.085	ng/ul	98
73) 1,2,3,4-Tetrachlorobenzene	13.17	216	325897	20.141	ng/uL	97
74) Pentachlorobenzene	14.70	250	295454	20.242	ng/uL	98
75) Carbazole	17.53	167	987851	20.156	ng/ul	98
76) Di-n-butylphthalate	18.12	149	1155837	20.271	ng/ul	100
77) Fluoranthene	19.19	202	1269020	20.386	ng/ul#	89
80) Pyrene	19.55	202	1305698	19.828	ng/ul#	87
81) Butylbenzylphthalate	20.47	149	487233	20.007	ng/ul	93
82) 3,3'-Dichlorobenzidine	21.24	252	420668	19.801	ng/ul#	96
83) Benzo(a)anthracene	21.30	228	1320748	19.893	ng/ul	98
84) Bis(2-ethylhexyl)phthalate	21.26	149	753159	19.678	ng/ul#	97
85) Chrysene	21.36	228	1233291	19.919	ng/ul	99
87) Di-n-octyl phthalate	22.16	149	1273614	19.113	ng/ul	100
88) Benzo(b)fluoranthene	22.89	252	1276839	19.234	ng/ul#	96
89) Benzo(k)fluoranthene	22.94	252	1306850	20.502	ng/ul#	97
91) Benzo(a)pyrene	23.47	252	1266164	20.010	ng/ul#	96
92) Indeno(1,2,3-cd)pyrene	25.82	276	1494714	19.802	ng/ul#	89
93) Dibenzo(a,h)anthracene	25.84	278	1258766	19.935	ng/ul#	96
94) Benzo(g,h,i)perylene	26.51	276	1257483	20.090	ng/ul#	93

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

