

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM091018\
 Data File : BM016707.D
 Acq On : 10 Sep 2018 13:01
 Operator : SJ/JU
 Sample : SSTD02049
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD02049

Quant Time: Sep 10 13:37:15 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM091018MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Sep 10 13:31:33 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.75	152	212550	20.00	ng/ul	0.00
18) Naphthalene-d8	10.53	136	901175	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.38	164	474888	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.13	188	1006427	20.00	ng/ul	0.00
78) Chrysene-d12	21.32	240	1032667	20.00	ng/ul	0.00
86) Perylene-d12	23.56	264	1060879	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.28	96	36717	7.77	ng/uL	0.00
5) Phenol-d5	6.91	99	359655	17.62	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.09	67	224638	16.33	ng/ul	0.00
9) 2-Chlorophenol-d4	7.27	132	294664	19.16	ng/ul	0.00
13) 4-Methylphenol-d8	8.45	113	277573	17.42	ng/ul	0.00
19) Nitrobenzene-d5	8.89	128	118004	17.25	ng/ul	0.00
22) 2-Nitrophenol-d4	9.61	143	106134	14.93	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.15	165	273602	19.11	ng/ul	0.00
29) 4-Chloroaniline-d4	10.66	131	359051	22.73	ng/ul	0.00
44) Dimethylphthalate-d6	13.80	166	750670	18.70	ng/ul	0.00
47) Acenaphthylene-d8	14.07	160	992031	20.43	ng/ul	0.00
52) 4-Nitrophenol-d4	14.57	143	110919	14.70	ng/ul	0.00
58) Fluorene-d10	15.38	176	660567	19.00	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.49	200	65833	11.24	ng/ul	0.00
71) Anthracene-d10	17.23	188	973042	19.63	ng/ul	0.00
79) Pyrene-d10	19.52	212	1017995	21.05	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.42	264	1099077	21.74	ng/ul	0.00

Target Compounds

					Qvalue
2) 1,4-Dioxane	3.31	88	39813	7.687	ng/uL# 77
4) Benzaldehyde	6.89	77	242809	20.820	ng/ul 94
6) Phenol	6.93	94	357746	17.658	ng/ul 96
8) Bis(2-Chloroethyl)ether	7.17	93	279657	17.534	ng/ul 94
10) 2-Chlorophenol	7.31	128	296388	19.753	ng/ul 99
11) 2-Methylphenol	8.18	108	267660	17.425	ng/ul 98
12) 2,2'-oxybis(1-Chloropropan	8.27	45	438561	16.964	ng/ul# 94
14) Acetophenone	8.56	105	434390	17.836	ng/ul 97
15) N-Nitroso-di-n-propylamine	8.55	70	215882	16.519	ng/ul# 89
16) 4-Methylphenol	8.50	108	286282	17.033	ng/ul 99
17) Hexachloroethane	8.82	117	116077	20.236	ng/ul 85
20) Nitrobenzene	8.93	77	299714	18.632	ng/ul 94
21) Isophorone	9.46	82	591052	18.249	ng/ul 97
23) 2-Nitrophenol	9.65	139	125808	16.837	ng/ul 91
24) 2,4-Dimethylphenol	9.70	107	319808	20.003	ng/ul 92
25) Bis(2-Chloroethoxy)methane	9.95	93	363554	17.215	ng/ul# 98
27) 2,4-Dichlorophenol	10.17	162	264170	19.139	ng/ul 97
28) Naphthalene	10.57	128	922009	19.730	ng/ul 98
30) 4-Chloroaniline	10.69	127	359759	23.966	ng/ul 100
31) Hexachlorobutadiene	10.86	225	178288	22.759	ng/ul 98
32) Caprolactam	11.44	113	77495	17.836	ng/ul 89
33) 4-Chloro-3-methylphenol	11.81	107	274425	18.753	ng/ul 96
34) 2-Methylnaphthalene	12.19	142	649459	18.715	ng/ul 100

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35) 1-Methylnaphthalene	12.19	142	649459	19.649	ng/ul#	94
37) 1,2,4,5-Tetrachlorobenzene	12.56	216	328001	23.284	ng/ul#	97
38) Hexachlorocyclopentadiene	12.55	237	195761	24.793	ng/ul#	97
39) 2,4,6-Trichlorophenol	12.80	196	187598	19.560	ng/ul	98
40) 2,4,5-Trichlorophenol	12.87	196	201289	20.699	ng/ul	97
41) 1,1'-Biphenyl	13.22	154	795910	20.141	ng/ul#	95
42) 2-Chloronaphthalene	13.25	162	621658	20.907	ng/ul	98
43) 2-Nitroaniline	13.46	65	137285	14.866	ng/ul	95
45) Dimethylphthalate	13.85	163	733703	19.088	ng/ul	98
46) 2,6-Dinitrotoluene	13.96	165	115239	16.976	ng/ul	99
48) Acenaphthylene	14.10	152	938642	19.207	ng/ul	100
49) 3-Nitroaniline	14.29	138	120010	14.337	ng/ul#	96
50) Acenaphthene	14.45	153	660447	20.001	ng/ul	99
51) 2,4-Dinitrophenol	14.49	184	38562	9.194	ng/ul#	80
53) 4-Nitrophenol	14.59	109	91572	18.884	ng/ul#	79
54) Dibenzofuran	14.79	168	899766	19.481	ng/ul	97
55) 2,4-Dinitrotoluene	14.74	165	170053	17.041	ng/ul#	91
56) 2,3,4,6-Tetrachlorophenol	15.01	232	163070	18.399	ng/ul#	86
57) Diethylphthalate	15.22	149	729604	18.240	ng/ul	95
59) Fluorene	15.43	166	736718	19.032	ng/ul	99
60) 4-Chlorophenyl-phenylether	15.44	204	375479	20.702	ng/ul	92
61) 4-Nitroaniline	15.44	138	146132	16.297	ng/ul	93
64) 4,6-Dinitro-2-methylphenol	15.50	198	76534	12.754	ng/ul#	93
65) N-Nitrosodiphenylamine	15.65	169	626665	20.442	ng/ul	99
66) 4-Bromophenyl-phenylether	16.33	248	228049	22.185	ng/ul	97
67) Hexachlorobenzene	16.43	284	244438	21.602	ng/ul#	95
68) Atrazine	16.60	200	217267	20.455	ng/ul	97
69) Pentachlorophenol	16.77	266	121156	16.675	ng/ul	94
70) Phenanthrene	17.17	178	1123683	20.031	ng/ul	98
72) Anthracene	17.26	178	1135697	19.730	ng/ul	98
73) 1,2,3,4-Tetrachlorobenzene	13.17	216	343218	25.592	ng/uL	98
74) Pentachlorobenzene	14.70	250	302838	22.265	ng/uL	99
75) Carbazole	17.53	167	1004776	20.460	ng/ul	98
76) Di-n-butylphthalate	18.12	149	1166571	18.085	ng/ul	99
77) Fluoranthene	19.19	202	1263190	21.893	ng/ul#	92
80) Pyrene	19.55	202	1287647	21.372	ng/ul#	87
81) Butylbenzylphthalate	20.48	149	470024	16.964	ng/ul	96
82) 3,3'-Dichlorobenzidine	21.24	252	422571	22.533	ng/ul#	96
83) Benzo(a)anthracene	21.30	228	1275088	22.425	ng/ul	98
84) Bis(2-ethylhexyl)phthalate	21.27	149	727119	17.088	ng/ul#	96
85) Chrysene	21.36	228	1199552	23.271	ng/ul	99
87) Di-n-octyl phthalate	22.16	149	1236564	16.424	ng/ul	100
88) Benzo(b)fluoranthene	22.89	252	1260594	19.752	ng/ul#	96
89) Benzo(k)fluoranthene	22.94	252	1223454	19.960	ng/ul#	97
91) Benzo(a)pyrene	23.47	252	1214047	20.153	ng/ul#	96
92) Indeno(1,2,3-cd)pyrene	25.82	276	1437887	21.699	ng/ul#	91
93) Dibenzo(a,h)anthracene	25.84	278	1204847	21.443	ng/ul#	95
94) Benzo(g,h,i)perylene	26.51	276	1186968	22.118	ng/ul#	92

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

