

Data Path : Z:\HPCHEM1\BNA_M\Data\BM032818\
 Data File : BM014659.D
 Acq On : 28 Mar 2018 09:49
 Operator : SJ/JU
 Sample : SSTD00561
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD00561

Quant Time: Mar 28 15:03:46 2018
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032818MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Mar 28 14:52:10 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.59	152	322415	20.00	ng/ul	0.00
18) Naphthalene-d8	11.43	136	1337767	20.00	ng/ul	0.00
35) Acenaphthene-d10	15.18	164	720890	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.89	188	1506309	20.00	ng/ul	0.00
77) Chrysene-d12	21.98	240	1459114	20.00	ng/ul	0.00
85) Perylene-d12	24.50	264	1411097	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.69	96	15720	2.15	ng/uL	0.00
5) Phenol-d5	7.69	99	136252	3.91	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.88	67	92114	4.05	ng/ul	0.00
9) 2-Chlorophenol-d4	8.10	132	110929	5.20	ng/ul	0.00
13) 4-Methylphenol-d8	9.27	113	107028	3.85	ng/ul	0.00
19) Nitrobenzene-d5	9.76	128	40309	4.22	ng/ul	0.00
22) 2-Nitrophenol-d4	10.49	143	31357	2.96	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	11.03	165	100009	4.42	ng/ul	0.00
29) 4-Chloroaniline-d4	11.55	131	92717	3.43	ng/ul	0.00
43) Dimethylphthalate-d6	14.57	166	308690	5.64	ng/ul	0.00
46) Acenaphthylene-d8	14.88	160	396659	6.30	ng/ul	0.00
51) 4-Nitrophenol-d4	15.32	143	34807	3.20	ng/ul	0.00
57) Fluorene-d10	16.16	176	272089	5.57	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.24	200	17539	1.95	ng/ul	0.00
70) Anthracene-d10	17.99	188	386888	5.43	ng/ul	0.00
78) Pyrene-d10	20.22	212	397370	6.75	ng/ul	0.00
89) Benzo(a)pyrene-d12	24.34	264	357424	5.54	ng/ul	0.00

Target Compounds

					Qvalue
2) 1,4-Dioxane	3.73	88	17533	2.257 ng/uL	96
4) Benzaldehyde	7.69	77	94262	4.033 ng/ul	92
6) Phenol	7.72	94	134765	3.618 ng/ul#	89
8) Bis(2-Chloroethyl)ether	7.97	93	111649	4.185 ng/ul#	82
10) 2-Chlorophenol	8.13	128	111802	5.086 ng/ul#	90
11) 2-Methylphenol	9.01	108	99402	3.684 ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	9.10	45	210740	4.742 ng/ul#	81
14) Acetophenone	9.42	105	175949	3.764 ng/ul#	89
15) N-Nitroso-di-n-propylamine	9.39	70	87604	3.057 ng/ul#	74
16) 4-Methylphenol	9.34	108	106303	3.475 ng/ul	98
17) Hexachloroethane	9.70	117	46394	4.820 ng/ul	94
20) Nitrobenzene	9.80	77	112143	3.520 ng/ul	88
21) Isophorone	10.33	82	227894	3.617 ng/ul	100
23) 2-Nitrophenol	10.52	139	37173	3.220 ng/ul#	88
24) 2,4-Dimethylphenol	10.56	107	122525	4.136 ng/ul	98
25) Bis(2-Chloroethoxy)methane	10.81	93	142416	4.122 ng/ul	99
27) 2,4-Dichlorophenol	11.06	162	95869	4.276 ng/ul	98
28) Naphthalene	11.48	128	366753	5.346 ng/ul	99
30) 4-Chloroaniline	11.57	127	91244	3.187 ng/ul	99
31) Hexachlorobutadiene	11.76	225	68948	4.461 ng/ul	97
32) Caprolactam	12.30	113	24330	2.598 ng/ul#	57
33) 4-Chloro-3-methylphenol	12.65	107	100132	3.403 ng/ul	98
34) 2-Methylnaphthalene	13.05	142	254571	4.661 ng/ul	99

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36) 1,2,4,5-Tetrachlorobenzene	13.40	216	126640	5.841	ng/ul	98
37) Hexachlorocyclopentadiene	13.38	237	73802	6.020	ng/ul	97
38) 2,4,6-Trichlorophenol	13.63	196	66925	4.868	ng/ul	98
39) 2,4,5-Trichlorophenol	13.70	196	67084	4.260	ng/ul	95
40) 1,1'-Biphenyl	14.03	154	322707	6.390	ng/ul	98
41) 2-Chloronaphthalene	14.08	162	251762	6.441	ng/ul	96
42) 2-Nitroaniline	14.26	65	42534	2.649	ng/ul#	83
44) Dimethylphthalate	14.62	163	300714	5.476	ng/ul	99
45) 2,6-Dinitrotoluene	14.74	165	33709	3.191	ng/ul#	86
47) Acenaphthylene	14.91	152	380791	6.041	ng/ul	100
48) 3-Nitroaniline	15.06	138	33983	3.020	ng/ul#	83
49) Acenaphthene	15.24	153	266560	6.011	ng/ul	98
50) 2,4-Dinitrophenol	15.26	184	10622	1.534	ng/ul	77
52) 4-Nitrophenol	15.33	109	30691	2.417	ng/ul#	84
53) Dibenzofuran	15.57	168	368565	5.640	ng/ul	98
54) 2,4-Dinitrotoluene	15.51	165	47858	2.940	ng/ul#	73
55) 2,3,4,6-Tetrachlorophenol	15.79	232	55834	3.694	ng/ul	97
56) Diethylphthalate	15.96	149	290395	5.050	ng/ul	99
58) Fluorene	16.22	166	294879	5.229	ng/ul	98
59) 4-Chlorophenyl-phenylether	16.20	204	149569	5.161	ng/ul	93
60) 4-Nitroaniline	16.20	138	44323	3.470	ng/ul	96
63) 4,6-Dinitro-2-methylphenol	16.26	198	17858	1.887	ng/ul#	92
64) N-Nitrosodiphenylamine	16.40	169	245198	5.792	ng/ul	98
65) 4-Bromophenyl-phenylether	17.09	248	89144	5.478	ng/ul	91
66) Hexachlorobenzene	17.20	284	102228	5.647	ng/ul	94
67) Atrazine	17.33	200	78079	4.412	ng/ul	97
68) Pentachlorophenol	17.53	266	39860	3.352	ng/ul	98
69) Phenanthrene	17.93	178	447252	5.335	ng/ul	99
71) Anthracene	18.03	178	452281	5.290	ng/ul	100
72) 1,2,3,4-Tetrachlorobenzene	14.00	216	129092	7.295	ng/uL	98
73) Pentachlorobenzene	15.49	250	123098	6.478	ng/uL	99
74) Carbazole	18.28	167	386979	4.849	ng/ul	98
75) Di-n-butylphthalate	18.82	149	413279	4.494	ng/ul	99
76) Fluoranthene	19.90	202	481868	4.560	ng/ul	99
79) Pyrene	20.25	202	498304	6.573	ng/ul	99
80) Butylbenzylphthalate	21.10	149	132590	4.352	ng/ul	94
81) 3,3'-Dichlorobenzidine	21.88	252	119682	4.330	ng/ul	99
82) Benzo(a)anthracene	21.96	228	467582	5.606	ng/ul	99
83) Bis(2-ethylhexyl)phthalate	21.86	149	214855	4.530	ng/ul	98
84) Chrysene	22.02	228	443824	5.642	ng/ul	100
86) Di-n-octyl phthalate	22.83	149	336773	4.438	ng/ul#	82
87) Benzo(b)fluoranthene	23.73	252	447826	5.370	ng/ul	99
88) Benzo(k)fluoranthene	23.78	252	428102	5.370	ng/ul	99
90) Benzo(a)pyrene	24.39	252	419690	5.177	ng/ul	99
91) Indeno(1,2,3-cd)pyrene	27.12	276	483078	4.967	ng/ul	95
92) Dibenzo(a,h)anthracene	27.14	278	406546	4.943	ng/ul	98
93) Benzo(g,h,i)perylene	27.93	276	401536	4.988	ng/ul	97

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

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