

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062017\
 Data File : BM010589.D
 Acq On : 20 Jun 2017 14:38
 Operator : SJ/MA
 Sample : SSTD00531
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD00531

Quant Time: Jun 20 17:08:56 2017
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM062017.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jun 20 17:04:25 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.47	152	13828	20.00	ng/ul	0.00
18) Naphthalene-d8	10.23	136	50024	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.12	164	26848	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.87	188	58056	20.00	ng/ul	0.00
75) Chrysene-d12	21.09	240	66072	20.00	ng/ul	0.00
83) Perylene-d12	23.23	264	55537	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.08	96	136	0.51	ng/uL	0.00
5) Phenol-d5	6.66	99	5207	3.47	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.82	67	4281	4.18	ng/ul	0.00
9) 2-Chlorophenol-d4	7.01	132	4210	4.60	ng/ul	0.00
13) 4-Methylphenol-d8	8.17	113	3807	3.25	ng/ul	0.00
19) Nitrobenzene-d5	8.61	128	1639	4.27	ng/ul	0.00
22) 2-Nitrophenol-d4	9.33	143	1348	3.26	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.86	165	4514	5.41	ng/ul	0.00
29) 4-Chloroaniline-d4	10.39	131	3474	3.37	ng/ul	0.01
43) Dimethylphthalate-d6	13.54	166	10250	4.55	ng/ul	0.00
46) Acenaphthylene-d8	13.80	160	13588	5.01	ng/ul	0.00
51) 4-Nitrophenol-d4	14.33	143	532	1.18	ng/ul	0.00
57) Fluorene-d10	15.12	176	9834	4.83	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.24	200	605	1.48	ng/ul	0.00
70) Anthracene-d10	16.97	188	13470	5.33	ng/ul	0.00
76) Pyrene-d10	19.28	212	15017	5.22	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.09	264	12567	4.26	ng/ul	0.00

Target Compounds

					Qvalue	
2) 1,4-Dioxane	3.12	88	400	1.222	ng/uL#	1
4) Benzaldehyde	6.63	77	4544	4.643	ng/ul#	71
6) Phenol	6.69	94	5792	3.730	ng/ul#	80
8) Bis(2-Chloroethyl)ether	6.92	93	4665	4.001	ng/ul#	89
10) 2-Chlorophenol	7.04	128	3918	4.189	ng/ul#	87
11) 2-Methylphenol	7.92	108	4117	3.684	ng/ul	100
12) 2,2'-oxybis(1-Chloropropan	8.00	45	3584	1.841	ng/ul#	65
14) Acetophenone	8.28	105	7670	3.982	ng/ul#	90
15) N-Nitroso-di-n-propylamine	8.27	70	4080	3.659	ng/ul#	70
16) 4-Methylphenol	8.24	108	3970	3.210	ng/ul	83
17) Hexachloroethane	8.53	117	2118	4.922	ng/ul#	58
20) Nitrobenzene	8.65	77	4822	3.915	ng/ul#	89
21) Isophorone	9.17	82	9825	4.526	ng/ul	96
23) 2-Nitrophenol	9.36	139	1508	3.386	ng/ul	87
24) 2,4-Dimethylphenol	9.43	107	5060	4.620	ng/ul#	82
25) Bis(2-Chloroethoxy)methane	9.67	93	6299	5.049	ng/ul#	79
27) 2,4-Dichlorophenol	9.88	162	3712	4.527	ng/ul#	78
28) Naphthalene	10.28	128	12451	4.956	ng/ul	97
30) 4-Chloroaniline	10.40	127	2827	2.742	ng/ul#	86
31) Hexachlorobutadiene	10.57	225	3058	5.252	ng/ul#	87
33) 4-Chloro-3-methylphenol	11.53	107	4305	4.350	ng/ul#	79
34) 2-Methylnaphthalene	11.90	142	8834	4.520	ng/ul	95
36) 1,2,4,5-Tetrachlorobenzene	12.28	216	5822	6.479	ng/ul#	88

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37) Hexachlorocyclopentadiene	12.27	237	2070	4.257	ng/ul#	80
38) 2,4,6-Trichlorophenol	12.53	196	3054	5.041	ng/ul#	81
39) 2,4,5-Trichlorophenol	12.60	196	3120	5.006	ng/ul#	79
40) 1,1'-Biphenyl	12.94	154	11229	5.271	ng/ul#	90
41) 2-Chloronaphthalene	12.97	162	8654	5.279	ng/ul#	91
42) 2-Nitroaniline	13.19	65	1347	1.997	ng/ul#	80
44) Dimethylphthalate	13.59	163	10321	4.653	ng/ul#	96
45) 2,6-Dinitrotoluene	13.70	165	1314	2.937	ng/ul#	92
47) Acenaphthylene	13.84	152	13341	5.008	ng/ul#	92
48) 3-Nitroaniline	14.03	138	751	1.639	ng/ul#	81
49) Acenaphthene	14.19	153	8318	4.593	ng/ul	95
52) 4-Nitrophenol	14.34	109	892	1.727	ng/ul#	76
53) Dibenzofuran	14.52	168	12489	4.661	ng/ul	90
54) 2,4-Dinitrotoluene	14.50	165	1810	2.670	ng/ul#	26
55) 2,3,4,6-Tetrachlorophenol	14.76	232	2301	3.788	ng/ul#	68
56) Diethylphthalate	14.97	149	10370	4.344	ng/ul	97
58) Fluorene	15.17	166	10735	4.690	ng/ul	86
59) 4-Chlorophenyl-phenylether	15.18	204	5669	4.744	ng/ul	94
60) 4-Nitroaniline	15.19	138	837	1.565	ng/ul	80
63) 4,6-Dinitro-2-methylphenol	15.26	198	711	1.683	ng/ul#	53
64) N-Nitrosodiphenylamine	15.40	169	7633	4.455	ng/ul#	93
65) 4-Bromophenyl-phenylether	16.07	248	3217	4.925	ng/ul	86
66) Hexachlorobenzene	16.18	284	3364	4.704	ng/ul#	73
67) Atrazine	16.36	200	2706	3.786	ng/ul	97
68) Pentachlorophenol	16.52	266	1681	3.759	ng/ul#	72
69) Phenanthrene	16.92	178	16036	4.998	ng/ul#	89
71) Anthracene	17.00	178	14468	4.296	ng/ul#	92
72) Carbazole	17.28	167	12629	4.020	ng/ul	95
73) Di-n-butylphthalate	17.87	149	16365	4.508	ng/ul	98
74) Fluoranthene	18.94	202	17610	4.185	ng/ul#	88
77) Pyrene	19.31	202	18714	5.070	ng/ul#	86
78) Butylbenzylphthalate	20.24	149	6715	4.462	ng/ul	88
79) 3,3'-Dichlorobenzidine	21.02	252	4517	3.697	ng/ul#	84
80) Benzo(a)anthracene	21.07	228	17331	4.468	ng/ul	97
81) Bis(2-ethylhexyl)phthalate	21.03	149	8709	3.804	ng/ul#	90
82) Chrysene	21.12	228	16731	4.795	ng/ul	97
84) Di-n-octyl phthalate	21.89	149	15029	3.704	ng/ul#	88
85) Benzo(b)fluoranthene	22.59	252	18780	4.846	ng/ul#	85
86) Benzo(k)fluoranthene	22.63	252	16368	4.572	ng/ul#	89
88) Benzo(a)pyrene	23.14	252	16737	4.595	ng/ul#	96
89) Indeno(1,2,3-cd)pyrene	25.34	276	17512	4.218	ng/ul#	77
90) Dibenzo(a,h)anthracene	25.35	278	11846	3.337	ng/ul#	92
91) Benzo(g,h,i)perylene	25.99	276	13154	3.979	ng/ul#	85

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

