

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091918\
 Data File : BN002775.D
 Acq On : 19 Sep 2018 11:46
 Operator : JU/SJ
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD02060

Quant Time: Sep 19 17:26:08 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN091418MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Sep 19 16:49:31 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	133926	20.00	ng/ul	0.00
18) Naphthalene-d8	10.41	136	602694	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.28	164	354686	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.03	188	802168	20.00	ng/ul	0.00
77) Chrysene-d12	21.24	240	812778	20.00	ng/ul	0.00
85) Perylene-d12	23.46	264	704238	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.22	96	23013	7.93	ng/uL	0.00
5) Phenol-d5	6.83	99	239690	21.07	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.99	67	149173	21.12	ng/ul	0.00
9) 2-Chlorophenol-d4	7.18	132	193229	20.64	ng/ul	0.00
13) 4-Methylphenol-d8	8.35	113	189499	21.51	ng/ul	0.00
19) Nitrobenzene-d5	8.79	128	91891	19.68	ng/ul	0.00
22) 2-Nitrophenol-d4	9.51	143	106940	20.24	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.05	165	195822	20.53	ng/ul	0.00
29) 4-Chloroaniline-d4	10.56	131	243919	22.10	ng/ul	0.00
43) Dimethylphthalate-d6	13.69	166	583357	21.01	ng/ul	0.00
46) Acenaphthylene-d8	13.97	160	743248	20.50	ng/ul	0.00
51) 4-Nitrophenol-d4	14.51	143	92559	20.16	ng/ul	0.00
57) Fluorene-d10	15.28	176	517698	21.28	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.42	200	99906	19.91	ng/ul	0.00
70) Anthracene-d10	17.13	188	801459	20.93	ng/ul	0.00
78) Pyrene-d10	19.43	212	862526	20.11	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.32	264	762349	20.57	ng/ul	0.00

Target Compounds

					Qvalue
2) 1,4-Dioxane	3.25	88	24386	7.514	ng/uL 94
4) Benzaldehyde	6.80	77	151284	24.331	ng/ul 99
6) Phenol	6.86	94	242954	21.185	ng/ul 99
8) Bis(2-Chloroethyl)ether	7.08	93	186037	21.091	ng/ul 97
10) 2-Chlorophenol	7.21	128	194335	20.919	ng/ul 98
11) 2-Methylphenol	8.09	108	185888	21.585	ng/ul 99
12) 2,2'-oxybis(1-Chloropropan	8.16	45	290592	21.034	ng/ul 97
14) Acetophenone	8.46	105	298320	21.983	ng/ul 98
15) N-Nitroso-di-n-propylamine	8.45	70	149324	21.896	ng/ul 95
16) 4-Methylphenol	8.42	108	200804	21.984	ng/ul 99
17) Hexachloroethane	8.70	117	75454	20.204	ng/ul 98
20) Nitrobenzene	8.83	77	214848	19.799	ng/ul 97
21) Isophorone	9.35	82	416857	20.822	ng/ul 99
23) 2-Nitrophenol	9.54	139	112731	20.607	ng/ul 98
24) 2,4-Dimethylphenol	9.60	107	221360	20.521	ng/ul 97
25) Bis(2-Chloroethoxy)methane	9.83	93	263177	20.892	ng/ul 99
27) 2,4-Dichlorophenol	10.08	162	190706	20.603	ng/ul 92
28) Naphthalene	10.46	128	630509	20.298	ng/ul 99
30) 4-Chloroaniline	10.58	127	247105	22.368	ng/ul 98
31) Hexachlorobutadiene	10.75	225	117956	19.950	ng/ul 96
32) Caprolactam	11.33	113	60441	21.259	ng/ul 94
33) 4-Chloro-3-methylphenol	11.72	107	203540	21.565	ng/ul 96
34) 2-Methylnaphthalene	12.08	142	459041	21.142	ng/ul 99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.46	216	230228	19.540	ng/ul	98
37) Hexachlorocyclopentadiene	12.43	237	88916	16.863	ng/ul	99
38) 2,4,6-Trichlorophenol	12.71	196	147935	19.680	ng/ul	98
39) 2,4,5-Trichlorophenol	12.79	196	157631	20.023	ng/ul	96
40) 1,1'-Biphenyl	13.10	154	586028	20.060	ng/ul	99
41) 2-Chloronaphthalene	13.15	162	458537	20.005	ng/ul	98
42) 2-Nitroaniline	13.36	65	131735	20.699	ng/ul	98
44) Dimethylphthalate	13.74	163	575869	21.252	ng/ul	100
45) 2,6-Dinitrotoluene	13.87	165	119401	21.872	ng/ul	98
47) Acenaphthylene	14.00	152	706060	20.731	ng/ul	100
48) 3-Nitroaniline	14.20	138	118061	22.179	ng/ul	100
49) Acenaphthene	14.35	153	498596	20.667	ng/ul	99
50) 2,4-Dinitrophenol	14.43	184	50957	17.655	ng/ul	89
52) 4-Nitrophenol	14.52	109	61879	19.372	ng/ul	96
53) Dibenzofuran	14.68	168	695824	20.975	ng/ul	100
54) 2,4-Dinitrotoluene	14.67	165	176281	22.825	ng/ul	99
55) 2,3,4,6-Tetrachlorophenol	14.92	232	132807	21.311	ng/ul	96
56) Diethylphthalate	15.12	149	585454	22.053	ng/ul	99
58) Fluorene	15.33	166	570881	21.485	ng/ul	99
59) 4-Chlorophenyl-phenylether	15.33	204	281810	21.209	ng/ul	97
60) 4-Nitroaniline	15.37	138	128415	22.754	ng/ul	96
63) 4,6-Dinitro-2-methylphenol	15.44	198	101369	20.006	ng/ul#	90
64) N-Nitrosodiphenylamine	15.55	169	496978	19.965	ng/ul	98
65) 4-Bromophenyl-phenylether	16.23	248	176347	20.051	ng/ul	98
66) Hexachlorobenzene	16.35	284	196446	20.448	ng/ul	99
67) Atrazine	16.50	200	180451	21.195	ng/ul	99
68) Pentachlorophenol	16.69	266	80178	17.918	ng/ul	98
69) Phenanthrene	17.07	178	916678	20.741	ng/ul	100
71) Anthracene	17.17	178	942935	21.042	ng/ul	98
72) 1,2,3,4-Tetrachlorobenzene	13.07	216	249775	18.226	ng/uL	99
73) Pentachlorobenzene	14.60	250	231573	18.925	ng/uL	97
74) Carbazole	17.45	167	831942	21.634	ng/ul	99
75) Di-n-butylphthalate	18.00	149	1021923	22.148	ng/ul	100
76) Fluoranthene	19.10	202	1069839	22.691	ng/ul	99
79) Pyrene	19.46	202	1080228	20.101	ng/ul	97
80) Butylbenzylphthalate	20.37	149	472000	21.107	ng/ul	100
81) 3,3'-Dichlorobenzidine	21.16	252	332719	20.270	ng/ul	97
82) Benzo(a)anthracene	21.22	228	1025407	20.280	ng/ul	100
83) Bis(2-ethylhexyl)phthalate	21.16	149	704484	21.700	ng/ul	100
84) Chrysene	21.27	228	961454	20.287	ng/ul	99
86) Di-n-octyl phthalate	22.03	149	1161563	24.953	ng/ul	100
87) Benzo(b)fluoranthene	22.79	252	909779	21.153	ng/ul	98
88) Benzo(k)fluoranthene	22.84	252	868097	21.635	ng/ul	99
90) Benzo(a)pyrene	23.36	252	830677	20.430	ng/ul	99
91) Indeno(1,2,3-cd)pyrene	25.67	276	897431	18.643	ng/ul	99
92) Dibenzo(a,h)anthracene	25.67	278	760103	18.740	ng/ul	100
93) Benzo(g,h,i)perylene	26.34	276	739587	18.380	ng/ul	99

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

