

Data Path : Z:\HPCHEM1\BNA N\DATA\BN032618\
 Data File : BN000640.D
 Acq On : 27 Mar 2018 02:44
 Operator : JU/SJ
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD02036

Quant Time: Mar 27 04:09:43 2018
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN031918.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Mar 27 03:53:32 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.41	152	190622	20.00	ng/ul	0.00
18) Naphthalene-d8	11.25	136	824009	20.00	ng/ul	0.00
35) Acenaphthene-d10	15.03	164	437822	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.75	188	907162	20.00	ng/ul	0.00
75) Chrysene-d12	21.88	240	827544	20.00	ng/ul	0.00
83) Perylene-d12	24.35	264	685693	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.58	96	39287	7.36	ng/uL	0.00
5) Phenol-d5	7.55	99	354504	19.93	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.71	67	208228	20.30	ng/ul	0.00
9) 2-Chlorophenol-d4	7.93	132	265194	19.72	ng/ul	0.00
13) 4-Methylphenol-d8	9.12	113	283609	20.47	ng/ul	0.00
19) Nitrobenzene-d5	9.59	128	128852	19.25	ng/ul	0.00
22) 2-Nitrophenol-d4	10.32	143	137254	19.80	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.87	165	246887	19.87	ng/ul	0.00
29) 4-Chloroaniline-d4	11.38	131	317264	24.87	ng/ul	0.00
43) Dimethylphthalate-d6	14.42	166	690345	19.96	ng/ul	0.00
46) Acenaphthylene-d8	14.73	160	898175	19.68	ng/ul	0.00
51) 4-Nitrophenol-d4	15.22	143	116756	18.18	ng/ul	0.00
57) Fluorene-d10	16.01	176	579123	19.65	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.13	200	90918	17.50	ng/ul	0.00
70) Anthracene-d10	17.85	188	843619	19.35	ng/ul	0.00
76) Pyrene-d10	20.11	212	869325	19.03	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.19	264	648188	20.03	ng/ul	0.00

Target Compounds

					Ovalue	
2) 1,4-Dioxane	3.63	88	41203	7.170	ng/uL#	87
4) Benzaldehyde	7.53	77	154349	21.288	ng/ul	91
6) Phenol	7.58	94	363688	20.045	ng/ul	95
8) Bis(2-Chloroethyl)ether	7.81	93	286178	19.877	ng/ul	96
10) 2-Chlorophenol	7.97	128	269554	19.633	ng/ul	98
11) 2-Methylphenol	8.85	108	269054	20.220	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.93	45	318619	20.534	ng/ul#	94
14) Acetophenone	9.24	105	429326	20.849	ng/ul	98
15) N-Nitroso-di-n-propylamine	9.21	70	217558	20.200	ng/ul	93
16) 4-Methylphenol	9.18	108	288033	20.218	ng/ul	95
17) Hexachloroethane	9.51	117	113056	19.736	ng/ul#	73
20) Nitrobenzene	9.64	77	325432	19.699	ng/ul	94
21) Isophorone	10.15	82	619227	19.663	ng/ul	98
23) 2-Nitrophenol	10.35	139	146692	19.673	ng/ul	93
24) 2,4-Dimethylphenol	10.40	107	310837	19.352	ng/ul	98
25) Bis(2-Chloroethoxy)methane	10.63	93	387923	19.503	ng/ul	97
27) 2,4-Dichlorophenol	10.90	162	239600	19.865	ng/ul#	95
28) Naphthalene	11.30	128	848751	19.614	ng/ul	99
30) 4-Chloroaniline	11.40	127	318705	24.614	ng/ul	97
31) Hexachlorobutadiene	11.57	225	136115	20.365	ng/ul	97
32) Caprolactam	12.15	113	88707	20.118	ng/ul	87
33) 4-Chloro-3-methylphenol	12.50	107	287427	20.270	ng/ul	98
34) 2-Methylnaphthalene	12.88	142	577067	19.975	ng/ul	99

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36) 1,2,4,5-Tetrachlorobenzene	13.24	216	262777	19.978	ng/ul#	94
37) Hexachlorocyclopentadiene	13.21	237	147352	21.484	ng/ul	99
38) 2,4,6-Trichlorophenol	13.48	196	173619	19.459	ng/ul	99
39) 2,4,5-Trichlorophenol	13.55	196	178601	19.198	ng/ul	98
40) 1,1'-Biphenyl	13.87	154	729271	19.567	ng/ul#	94
41) 2-Chloronaphthalene	13.92	162	562970	19.595	ng/ul	95
42) 2-Nitroaniline	14.11	65	176395	20.264	ng/ul	96
44) Dimethylphthalate	14.47	163	681246	19.911	ng/ul#	98
45) 2,6-Dinitrotoluene	14.60	165	141225	20.483	ng/ul	90
47) Acenaphthylene	14.76	152	874971	19.573	ng/ul	99
48) 3-Nitroaniline	14.93	138	146693	22.037	ng/ul#	93
49) Acenaphthene	15.10	153	596103	19.558	ng/ul	99
50) 2,4-Dinitrophenol	15.14	184	68048	20.920	ng/ul#	76
52) 4-Nitrophenol	15.24	109	95365	19.214	ng/ul	89
53) Dibenzofuran	15.42	168	821574	19.846	ng/ul	99
54) 2,4-Dinitrotoluene	15.38	165	203078	20.776	ng/ul	94
55) 2,3,4,6-Tetrachlorophenol	15.64	232	137568	19.365	ng/ul#	94
56) Diethylphthalate	15.81	149	704980	20.187	ng/ul	96
58) Fluorene	16.07	166	654485	19.895	ng/ul	100
59) 4-Chlorophenyl-phenylether	16.05	204	305440	20.094	ng/ul#	89
60) 4-Nitroaniline	16.08	138	149382	19.975	ng/ul	92
63) 4,6-Dinitro-2-methylphenol	16.15	198	94567	17.241	ng/ul#	91
64) N-Nitrosodiphenylamine	16.26	169	561616	18.792	ng/ul	99
65) 4-Bromophenyl-phenylether	16.94	248	181847	19.666	ng/ul#	88
66) Hexachlorobenzene	17.07	284	195842	20.059	ng/ul#	86
67) Atrazine	17.18	200	192507	21.358	ng/ul	95
68) Pentachlorophenol	17.41	266	89353	17.335	ng/ul	96
69) Phenanthrene	17.79	178	1009030	19.307	ng/ul	100
71) Anthracene	17.89	178	1034915	19.313	ng/ul	98
72) Carbazole	18.15	167	925947	20.150	ng/ul	97
73) Di-n-butylphthalate	18.67	149	1204275	19.271	ng/ul	99
74) Fluoranthene	19.78	202	1104723	21.272	ng/ul#	81
77) Pyrene	20.14	202	1113917	18.429	ng/ul#	77
78) Butylbenzylphthalate	20.98	149	565792	18.845	ng/ul#	88
79) 3,3'-Dichlorobenzidine	21.78	252	323474	20.008	ng/ul#	95
80) Benzo(a)anthracene	21.86	228	1033295	18.740	ng/ul	100
81) Bis(2-ethylhexyl)phthalate	21.74	149	818982	18.789	ng/ul#	96
82) Chrysene	21.92	228	964580	18.661	ng/ul	99
84) Di-n-octyl phthalate	22.68	149	1399325	24.245	ng/ul	100
85) Benzo(b)fluoranthene	23.60	252	907321	20.941	ng/ul#	95
86) Benzo(k)fluoranthene	23.65	252	836929	20.009	ng/ul#	95
88) Benzo(a)pyrene	24.25	252	789774	19.368	ng/ul#	95
89) Indeno(1,2,3-cd)pyrene	26.91	276	730045	16.604	ng/ul#	81
90) Dibenzo(a,h)anthracene	26.92	278	618887	16.896	ng/ul#	92
91) Benzo(g,h,i)perylene	27.70	276	588690	16.111	ng/ul#	88

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

