

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA N\DATA\BN032018\
 Data File : BN000511.D
 Acq On : 21 Mar 2018 04:29
 Operator : JU/SJ
 Sample : SSTDC0020EC
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD02023

Quant Time: Mar 21 06:12:46 2018
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN031918.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Mar 21 00:17:49 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.41	152	226053	20.00	ng/ul	0.00
18) Naphthalene-d8	11.25	136	998763	20.00	ng/ul	0.00
35) Acenaphthene-d10	15.04	164	544083	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.76	188	1113619	20.00	ng/ul	0.00
75) Chrysene-d12	21.89	240	852230	20.00	ng/ul	0.00
83) Perylene-d12	24.37	264	693778	20.00	ng/ul	0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.58	96	47353	7.48	ng/uL	0.00
5) Phenol-d5	7.55	99	430776	20.42	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.72	67	247161	20.32	ng/ul	0.00
9) 2-Chlorophenol-d4	7.94	132	317670	19.92	ng/ul	0.00
13) 4-Methylphenol-d8	9.13	113	346449	21.09	ng/ul	0.00
19) Nitrobenzene-d5	9.60	128	148164	18.27	ng/ul	0.00
22) 2-Nitrophenol-d4	10.33	143	149263	17.76	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.87	165	299842	19.91	ng/ul	0.00
29) 4-Chloroaniline-d4	11.38	131	389193	25.17	ng/ul	0.00
43) Dimethylphthalate-d6	14.42	166	859555	20.00	ng/ul	0.00
46) Acenaphthylene-d8	14.74	160	1106568	19.51	ng/ul	0.00
51) 4-Nitrophenol-d4	15.22	143	141598	17.74	ng/ul	0.01
57) Fluorene-d10	16.02	176	720877	19.68	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.13	200	76744	12.03	ng/ul	0.00
70) Anthracene-d10	17.86	188	1046463	19.55	ng/ul	0.00
76) Pyrene-d10	20.12	212	1011059	21.49	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.21	264	650033	19.85	ng/ul	0.00

Target Compounds

					Ovalue
2) 1,4-Dioxane	3.63	88	50460	7.404	ng/uL# 86
4) Benzaldehyde	7.53	77	181916	21.157	ng/ul 91
6) Phenol	7.58	94	443219	20.599	ng/ul 92
8) Bis(2-Chloroethyl)ether	7.81	93	346884	20.317	ng/ul 94
10) 2-Chlorophenol	7.97	128	323966	19.898	ng/ul 97
11) 2-Methylphenol	8.85	108	326121	20.667	ng/ul 96
12) 2,2'-oxybis(1-Chloropropan	8.94	45	377636	20.523	ng/ul# 94
14) Acetophenone	9.25	105	526204	21.549	ng/ul 96
15) N-Nitroso-di-n-propylamine	9.23	70	263242	20.611	ng/ul 92
16) 4-Methylphenol	9.19	108	357612	21.168	ng/ul 94
17) Hexachloroethane	9.51	117	130018	19.140	ng/ul# 70
20) Nitrobenzene	9.64	77	382278	19.091	ng/ul 95
21) Isophorone	10.16	82	755798	19.800	ng/ul 98
23) 2-Nitrophenol	10.36	139	171124	18.934	ng/ul 92
24) 2,4-Dimethylphenol	10.40	107	383421	19.694	ng/ul 96
25) Bis(2-Chloroethoxy)methane	10.64	93	473068	19.623	ng/ul 98
27) 2,4-Dichlorophenol	10.90	162	293341	20.065	ng/ul# 95
28) Naphthalene	11.31	128	1031985	19.676	ng/ul 99
30) 4-Chloroaniline	11.41	127	392369	25.001	ng/ul 98
31) Hexachlorobutadiene	11.57	225	157978	19.500	ng/ul 96
32) Caprolactam	12.16	113	111158	20.799	ng/ul 84
33) 4-Chloro-3-methylphenol	12.51	107	354484	20.625	ng/ul 98
34) 2-Methylnaphthalene	12.89	142	703946	20.103	ng/ul 100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	13.25	216	313672	19.190	ng/ul#	94
37) Hexachlorocyclopentadiene	13.22	237	111901	13.129	ng/ul#	97
38) 2,4,6-Trichlorophenol	13.48	196	214521	19.348	ng/ul	99
39) 2,4,5-Trichlorophenol	13.55	196	222891	19.280	ng/ul	98
40) 1,1'-Biphenyl	13.87	154	897773	19.383	ng/ul#	95
41) 2-Chloronaphthalene	13.92	162	690754	19.347	ng/ul	95
42) 2-Nitroaniline	14.12	65	200917	18.573	ng/ul	97
44) Dimethylphthalate	14.47	163	851185	20.019	ng/ul#	98
45) 2,6-Dinitrotoluene	14.61	165	163728	19.109	ng/ul	92
47) Acenaphthylene	14.77	152	1085678	19.543	ng/ul	99
48) 3-Nitroaniline	14.94	138	177565	21.465	ng/ul#	92
49) Acenaphthene	15.10	153	742604	19.606	ng/ul	99
50) 2,4-Dinitrophenol	15.14	184	21218	5.249	ng/ul#	79
52) 4-Nitrophenol	15.24	109	114732	18.601	ng/ul	85
53) Dibenzofuran	15.43	168	1018735	19.802	ng/ul	99
54) 2,4-Dinitrotoluene	15.38	165	240983	19.839	ng/ul#	92
55) 2,3,4,6-Tetrachlorophenol	15.65	232	168275	19.061	ng/ul#	94
56) Diethylphthalate	15.82	149	879624	20.269	ng/ul	96
58) Fluorene	16.07	166	815770	19.955	ng/ul	99
59) 4-Chlorophenyl-phenylether	16.05	204	380491	20.142	ng/ul#	87
60) 4-Nitroaniline	16.09	138	181722	19.554	ng/ul	90
63) 4,6-Dinitro-2-methylphenol	16.15	198	85468	12.694	ng/ul#	87
64) N-Nitrosodiphenylamine	16.27	169	700016	19.081	ng/ul	99
65) 4-Bromophenyl-phenylether	16.94	248	222117	19.568	ng/ul#	85
66) Hexachlorobenzene	17.07	284	237011	19.775	ng/ul#	86
67) Atrazine	17.20	200	237054	21.424	ng/ul	96
68) Pentachlorophenol	17.41	266	84443	13.345	ng/ul	95
69) Phenanthrene	17.81	178	1249992	19.484	ng/ul	100
71) Anthracene	17.90	178	1284125	19.521	ng/ul	98
72) Carbazole	18.16	167	1142550	20.254	ng/ul	98
73) Di-n-butylphthalate	18.68	149	1511558	19.704	ng/ul	99
74) Fluoranthene	19.78	202	1309648	20.543	ng/ul#	79
77) Pyrene	20.15	202	1302802	20.930	ng/ul#	78
78) Butylbenzylphthalate	21.00	149	653475	21.135	ng/ul	88
79) 3,3'-Dichlorobenzidine	21.79	252	290037	17.420	ng/ul#	97
80) Benzo(a)anthracene	21.87	228	1071607	18.872	ng/ul	100
81) Bis(2-ethylhexyl)phthalate	21.75	149	935033	20.830	ng/ul#	95
82) Chrysene	21.92	228	986986	18.541	ng/ul	99
84) Di-n-octyl phthalate	22.70	149	1438900	24.641	ng/ul	100
85) Benzo(b)fluoranthene	23.61	252	867112	19.780	ng/ul#	95
86) Benzo(k)fluoranthene	23.66	252	839053	19.826	ng/ul#	95
88) Benzo(a)pyrene	24.27	252	802470	19.450	ng/ul#	94
89) Indeno(1,2,3-cd)pyrene	26.93	276	861396	19.363	ng/ul#	79
90) Dibenzo(a,h)anthracene	26.94	278	711866	19.208	ng/ul#	91
91) Benzo(g,h,i)perylene	27.72	276	715224	19.346	ng/ul#	87

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

