

Data Path : Z:\HPCHEM1\BNA N\DATA\BN031918\
 Data File : BN000485.D
 Acq On : 20 Mar 2018 10:50
 Operator : JU/SJ
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD02020

Quant Time: Mar 20 11:50:35 2018
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN031918.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Mar 20 04:08:21 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.42	152	307776	20.00	ng/ul	0.00
18) Naphthalene-d8	11.26	136	1369875	20.00	ng/ul	0.00
35) Acenaphthene-d10	15.04	164	732483	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.76	188	1441816	20.00	ng/ul	0.00
75) Chrysene-d12	21.88	240	1082757	20.00	ng/ul	0.00
83) Perylene-d12	24.37	264	882103	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.59	96	62814	7.29	ng/uL	0.00
5) Phenol-d5	7.55	99	586873	20.44	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.72	67	338480	20.44	ng/ul	0.00
9) 2-Chlorophenol-d4	7.94	132	432418	19.92	ng/ul	0.00
13) 4-Methylphenol-d8	9.13	113	466817	20.87	ng/ul	0.00
19) Nitrobenzene-d5	9.60	128	213256	19.17	ng/ul	0.00
22) 2-Nitrophenol-d4	10.32	143	226260	19.63	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.87	165	404746	19.59	ng/ul	0.00
29) 4-Chloroaniline-d4	11.38	131	527700	24.88	ng/ul	0.00
43) Dimethylphthalate-d6	14.42	166	1119562	19.35	ng/ul	0.00
46) Acenaphthylene-d8	14.74	160	1476448	19.34	ng/ul	0.00
51) 4-Nitrophenol-d4	15.21	143	209438	19.49	ng/ul	0.00
57) Fluorene-d10	16.02	176	938189	19.03	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.14	200	156116	18.91	ng/ul	0.00
70) Anthracene-d10	17.86	188	1332952	19.23	ng/ul	0.00
76) Pyrene-d10	20.11	212	1263906	21.15	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.21	264	825815	19.84	ng/ul	0.00

Target Compounds

					Ovalue
2) 1,4-Dioxane	3.63	88	67536	7.279	ng/uL# 86
4) Benzaldehyde	7.54	77	254032	21.700	ng/ul 91
6) Phenol	7.58	94	600047	20.483	ng/ul 92
8) Bis(2-Chloroethyl)ether	7.82	93	475058	20.436	ng/ul 94
10) 2-Chlorophenol	7.97	128	441187	19.903	ng/ul 97
11) 2-Methylphenol	8.85	108	447205	20.815	ng/ul 98
12) 2,2'-oxybis(1-Chloropropan	8.95	45	522538	20.857	ng/ul# 94
14) Acetophenone	9.25	105	713534	21.461	ng/ul 97
15) N-Nitroso-di-n-propylamine	9.23	70	359496	20.674	ng/ul 93
16) 4-Methylphenol	9.19	108	484119	21.047	ng/ul 93
17) Hexachloroethane	9.52	117	180453	19.511	ng/ul# 72
20) Nitrobenzene	9.64	77	535403	19.495	ng/ul 94
21) Isophorone	10.16	82	1030078	19.675	ng/ul 98
23) 2-Nitrophenol	10.36	139	243971	19.682	ng/ul 92
24) 2,4-Dimethylphenol	10.40	107	521104	19.515	ng/ul 96
25) Bis(2-Chloroethoxy)methane	10.64	93	650426	19.670	ng/ul 98
27) 2,4-Dichlorophenol	10.90	162	396266	19.762	ng/ul# 95
28) Naphthalene	11.31	128	1398813	19.445	ng/ul 99
30) 4-Chloroaniline	11.41	127	532039	24.717	ng/ul 98
31) Hexachlorobutadiene	11.58	225	211905	19.071	ng/ul 96
32) Caprolactam	12.15	113	147475	20.119	ng/ul 85
33) 4-Chloro-3-methylphenol	12.50	107	473912	20.104	ng/ul 99
34) 2-Methylnaphthalene	12.89	142	959304	19.974	ng/ul 98

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36) 1,2,4,5-Tetrachlorobenzene	13.25	216	416479	18.926	ng/ul#	95
37) Hexachlorocyclopentadiene	13.22	237	191510	16.689	ng/ul	98
38) 2,4,6-Trichlorophenol	13.48	196	285535	19.129	ng/ul	98
39) 2,4,5-Trichlorophenol	13.55	196	299887	19.268	ng/ul	99
40) 1,1'-Biphenyl	13.87	154	1197289	19.201	ng/ul#	95
41) 2-Chloronaphthalene	13.92	162	922063	19.183	ng/ul	95
42) 2-Nitroaniline	14.12	65	286975	19.705	ng/ul	97
44) Dimethylphthalate	14.47	163	1109143	19.377	ng/ul#	98
45) 2,6-Dinitrotoluene	14.61	165	231885	20.103	ng/ul	94
47) Acenaphthylene	14.77	152	1445211	19.324	ng/ul	99
48) 3-Nitroaniline	14.94	138	241747	21.707	ng/ul#	95
49) Acenaphthene	15.10	153	988397	19.383	ng/ul	100
50) 2,4-Dinitrophenol	15.14	184	96225	17.682	ng/ul#	77
52) 4-Nitrophenol	15.22	109	166627	20.066	ng/ul	87
53) Dibenzofuran	15.43	168	1342162	19.379	ng/ul	100
54) 2,4-Dinitrotoluene	15.39	165	327357	20.018	ng/ul	95
55) 2,3,4,6-Tetrachlorophenol	15.65	232	232463	19.559	ng/ul#	94
56) Diethylphthalate	15.82	149	1134408	19.416	ng/ul	96
58) Fluorene	16.07	166	1062217	19.300	ng/ul	97
59) 4-Chlorophenyl-phenylether	16.05	204	494728	19.454	ng/ul#	86
60) 4-Nitroaniline	16.08	138	248503	19.862	ng/ul	89
63) 4,6-Dinitro-2-methylphenol	16.15	198	164349	18.853	ng/ul#	88
64) N-Nitrosodiphenylamine	16.27	169	913992	19.242	ng/ul	99
65) 4-Bromophenyl-phenylether	16.94	248	283643	19.300	ng/ul#	85
66) Hexachlorobenzene	17.07	284	297953	19.201	ng/ul#	84
67) Atrazine	17.20	200	302761	21.134	ng/ul	95
68) Pentachlorophenol	17.41	266	152067	18.562	ng/ul	98
69) Phenanthrene	17.81	178	1594673	19.198	ng/ul	100
71) Anthracene	17.90	178	1633219	19.176	ng/ul	98
72) Carbazole	18.15	167	1456532	19.942	ng/ul#	98
73) Di-n-butylphthalate	18.68	149	1876581	18.894	ng/ul	100
74) Fluoranthene	19.78	202	1633604	19.792	ng/ul#	78
77) Pyrene	20.14	202	1632494	20.643	ng/ul#	74
78) Butylbenzylphthalate	20.99	149	795125	20.241	ng/ul#	84
79) 3,3'-Dichlorobenzidine	21.78	252	403150	19.058	ng/ul#	96
80) Benzo(a)anthracene	21.87	228	1348569	18.693	ng/ul	100
81) Bis(2-ethylhexyl)phthalate	21.75	149	1103649	19.352	ng/ul#	96
82) Chrysene	21.92	228	1253005	18.527	ng/ul	100
84) Di-n-octyl phthalate	22.69	149	1723181	23.209	ng/ul	100
85) Benzo(b)fluoranthene	23.61	252	1118270	20.063	ng/ul#	94
86) Benzo(k)fluoranthene	23.66	252	1035463	19.243	ng/ul#	95
88) Benzo(a)pyrene	24.26	252	1012367	19.299	ng/ul#	93
89) Indeno(1,2,3-cd)pyrene	26.93	276	1059105	18.724	ng/ul#	80
90) Dibenzo(a,h)anthracene	26.94	278	885083	18.783	ng/ul#	91
91) Benzo(g,h,i)perylene	27.72	276	877644	18.671	ng/ul#	87

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

