

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN070318\
 Data File : BN001944.D
 Acq On : 03 Jul 2018 15:31
 Operator : JU/SJ
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD02085

Quant Time: Jul 03 23:53:41 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN061918.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jul 03 23:50:21 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.71	152	467699	20.00	ng/ul	0.00
18) Naphthalene-d8	10.48	136	2188060	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.34	164	1353410	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.08	188	3171212	20.00	ng/ul	0.00
75) Chrysene-d12	21.28	240	3366591	20.00	ng/ul	0.00
83) Perylene-d12	23.51	264	3265441	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.27	96	84126	7.81	ng/uL	0.00
5) Phenol-d5	6.88	99	870266	20.56	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.05	67	546563	20.93	ng/ul	0.00
9) 2-Chlorophenol-d4	7.25	132	682385	20.34	ng/ul	0.00
13) 4-Methylphenol-d8	8.41	113	707892	20.88	ng/ul	0.00
19) Nitrobenzene-d5	8.86	128	347523	21.39	ng/ul	0.00
22) 2-Nitrophenol-d4	9.57	143	365275	21.72	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.10	165	728507	20.29	ng/ul	0.00
29) 4-Chloroaniline-d4	10.62	131	982747	26.44	ng/ul	0.00
43) Dimethylphthalate-d6	13.75	166	2315387	20.26	ng/ul	0.00
46) Acenaphthylene-d8	14.03	160	2885131	20.45	ng/ul	0.00
51) 4-Nitrophenol-d4	14.54	143	441119	20.95	ng/ul	0.00
57) Fluorene-d10	15.33	176	2021815	20.18	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.45	200	362788	21.00	ng/ul	0.00
70) Anthracene-d10	17.18	188	3115870	20.34	ng/ul	0.00
76) Pyrene-d10	19.48	212	3501078	20.63	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.37	264	3610044	20.33	ng/ul	0.00

Target Compounds

					Qvalue
2) 1,4-Dioxane	3.30	88	85953	7.747 ng/uL#	74
4) Benzaldehyde	6.86	77	563015	21.788 ng/ul	92
6) Phenol	6.91	94	884953	20.733 ng/ul	98
8) Bis(2-Chloroethyl)ether	7.14	93	692148	20.918 ng/ul	95
10) 2-Chlorophenol	7.28	128	689739	20.306 ng/ul	99
11) 2-Methylphenol	8.15	108	679314	20.807 ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.23	45	1124267	21.660 ng/ul	94
14) Acetophenone	8.52	105	1116413	21.441 ng/ul	96
15) N-Nitroso-di-n-propylamine	8.51	70	575547	21.432 ng/ul	91
16) 4-Methylphenol	8.48	108	753468	21.179 ng/ul	95
17) Hexachloroethane	8.78	117	268173	20.023 ng/ul	88
20) Nitrobenzene	8.90	77	820121	20.561 ng/ul	93
21) Isophorone	9.42	82	1647603	21.033 ng/ul	99
23) 2-Nitrophenol	9.60	139	399352	21.793 ng/ul	91
24) 2,4-Dimethylphenol	9.67	107	837814	20.315 ng/ul	95
25) Bis(2-Chloroethoxy)methane	9.90	93	1006080	20.389 ng/ul	97
27) 2,4-Dichlorophenol	10.13	162	711768	20.407 ng/ul	98
28) Naphthalene	10.53	128	2336928	20.127 ng/ul	98
30) 4-Chloroaniline	10.64	127	981951	26.732 ng/ul	98
31) Hexachlorobutadiene	10.82	225	414149	19.445 ng/ul	97
32) Caprolactam	11.39	113	254357	20.941 ng/ul	82
33) 4-Chloro-3-methylphenol	11.77	107	797733	20.749 ng/ul	96
34) 2-Methylnaphthalene	12.15	142	1725707	20.490 ng/ul	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.52	216	875999	19.928	ng/ul#	96
37) Hexachlorocyclopentadiene	12.50	237	532465	19.867	ng/ul	99
38) 2,4,6-Trichlorophenol	12.76	196	587886	20.505	ng/ul	98
39) 2,4,5-Trichlorophenol	12.83	196	630908	20.666	ng/ul	97
40) 1,1'-Biphenyl	13.17	154	2271933	20.209	ng/ul#	95
41) 2-Chloronaphthalene	13.20	162	1774344	20.219	ng/ul	98
42) 2-Nitroaniline	13.41	65	537199	21.942	ng/ul	95
44) Dimethylphthalate	13.80	163	2276409	20.265	ng/ul	99
45) 2,6-Dinitrotoluene	13.92	165	464727	21.911	ng/ul	97
47) Acenaphthylene	14.06	152	2789489	20.483	ng/ul	100
48) 3-Nitroaniline	14.24	138	484840	23.811	ng/ul	99
49) Acenaphthene	14.40	153	1923990	20.365	ng/ul	99
50) 2,4-Dinitrophenol	14.45	184	226368	20.801	ng/ul#	85
52) 4-Nitrophenol	14.55	109	314989	20.119	ng/ul#	71
53) Dibenzofuran	14.74	168	2728886	20.134	ng/ul	97
54) 2,4-Dinitrotoluene	14.70	165	692322	21.954	ng/ul#	95
55) 2,3,4,6-Tetrachlorophenol	14.96	232	562213	20.865	ng/ul#	87
56) Diethylphthalate	15.17	149	2319518	20.376	ng/ul	97
58) Fluorene	15.39	166	2186107	20.217	ng/ul	99
59) 4-Chlorophenyl-phenylether	15.39	204	1090528	20.131	ng/ul	92
60) 4-Nitroaniline	15.41	138	539235	21.450	ng/ul	89
63) 4,6-Dinitro-2-methylphenol	15.47	198	384161	20.954	ng/ul	99
64) N-Nitrosodiphenylamine	15.60	169	1941905	20.476	ng/ul	99
65) 4-Bromophenyl-phenylether	16.28	248	687031	19.944	ng/ul	93
66) Hexachlorobenzene	16.39	284	771235	19.879	ng/ul#	92
67) Atrazine	16.56	200	713785	20.637	ng/ul	99
68) Pentachlorophenol	16.73	266	445446	20.763	ng/ul	98
69) Phenanthrene	17.13	178	3645320	20.406	ng/ul	99
71) Anthracene	17.22	178	3706063	20.495	ng/ul	98
72) Carbazole	17.49	167	3322031	21.931	ng/ul	99
73) Di-n-butylphthalate	18.06	149	4020793	21.022	ng/ul	99
74) Fluoranthene	19.15	202	4282388	22.806	ng/ul#	89
77) Pyrene	19.51	202	4383230	20.805	ng/ul#	86
78) Butylbenzylphthalate	20.43	149	1903732	21.176	ng/ul	97
79) 3,3'-Dichlorobenzidine	21.20	252	1457887	22.820	ng/ul#	98
80) Benzo(a)anthracene	21.27	228	4332968	20.365	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.22	149	2831597	21.122	ng/ul	99
82) Chrysene	21.32	228	4028882	20.351	ng/ul	100
84) Di-n-octyl phthalate	22.10	149	4830110	22.304	ng/ul	100
85) Benzo(b)fluoranthene	22.84	252	4314299	20.918	ng/ul#	95
86) Benzo(k)fluoranthene	22.89	252	3936760	19.684	ng/ul#	97
88) Benzo(a)pyrene	23.42	252	3907702	20.275	ng/ul#	94
89) Indeno(1,2,3-cd)pyrene	25.74	276	4095816	19.972	ng/ul#	86
90) Dibenzo(a,h)anthracene	25.76	278	3432201	20.109	ng/ul#	95
91) Benzo(g,h,i)perylene	26.42	276	3333693	19.706	ng/ul#	90

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

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