

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062018\
 Data File : BN001878.D
 Acq On : 20 Jun 2018 09:43
 Operator : JU/SJ
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD02088

Quant Time: Jun 20 11:50:46 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN061918.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jun 19 14:50:02 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	484214	20.00	ng/ul	0.00
18) Naphthalene-d8	10.49	136	2162583	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.35	164	1307762	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.09	188	3008495	20.00	ng/ul	0.00
75) Chrysene-d12	21.29	240	3188561	20.00	ng/ul	0.00
83) Perylene-d12	23.53	264	2994756	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.27	96	90286	8.10	ng/uL	0.00
5) Phenol-d5	6.89	99	861851	19.67	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.06	67	543598	20.10	ng/ul	0.00
9) 2-Chlorophenol-d4	7.25	132	689817	19.86	ng/ul	0.00
13) 4-Methylphenol-d8	8.42	113	694371	19.78	ng/ul	0.00
19) Nitrobenzene-d5	8.86	128	330074	20.55	ng/ul	0.00
22) 2-Nitrophenol-d4	9.57	143	341975	20.57	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.11	165	718468	20.25	ng/ul	0.00
29) 4-Chloroaniline-d4	10.62	131	781812	21.28	ng/ul	0.00
43) Dimethylphthalate-d6	13.76	166	2221482	20.12	ng/ul	0.00
46) Acenaphthylene-d8	14.03	160	2784636	20.42	ng/ul	0.00
51) 4-Nitrophenol-d4	14.55	143	409208	20.11	ng/ul	0.00
57) Fluorene-d10	15.34	176	1927411	19.91	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.46	200	313954	19.16	ng/ul	0.00
70) Anthracene-d10	17.19	188	2966991	20.41	ng/ul	0.00
76) Pyrene-d10	19.49	212	3312897	20.61	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.39	264	3322284	20.40	ng/ul	0.00

Target Compounds

					Qvalue
2) 1,4-Dioxane	3.30	88	90412	7.871	ng/uL# 77
4) Benzaldehyde	6.86	77	563121	21.049	ng/ul 92
6) Phenol	6.92	94	882726	19.975	ng/ul 99
8) Bis(2-Chloroethyl)ether	7.15	93	688810	20.108	ng/ul 93
10) 2-Chlorophenol	7.28	128	697632	19.838	ng/ul 99
11) 2-Methylphenol	8.15	108	672595	19.899	ng/ul 98
12) 2,2'-oxybis(1-Chloropropan	8.24	45	1097230	20.419	ng/ul 94
14) Acetophenone	8.53	105	1089913	20.218	ng/ul 97
15) N-Nitroso-di-n-propylamine	8.52	70	557615	20.056	ng/ul 91
16) 4-Methylphenol	8.48	108	735998	19.982	ng/ul 95
17) Hexachloroethane	8.79	117	278837	20.109	ng/ul 85
20) Nitrobenzene	8.90	77	801678	20.336	ng/ul 93
21) Isophorone	9.43	82	1562024	20.176	ng/ul 98
23) 2-Nitrophenol	9.61	139	379520	20.955	ng/ul 93
24) 2,4-Dimethylphenol	9.67	107	823079	20.192	ng/ul 96
25) Bis(2-Chloroethoxy)methane	9.91	93	984809	20.193	ng/ul 98
27) 2,4-Dichlorophenol	10.14	162	696299	20.199	ng/ul 98
28) Naphthalene	10.54	128	2296588	20.013	ng/ul 99
30) 4-Chloroaniline	10.65	127	771483	21.250	ng/ul 98
31) Hexachlorobutadiene	10.83	225	428281	20.345	ng/ul 96
32) Caprolactam	11.40	113	234642	19.546	ng/ul 90
33) 4-Chloro-3-methylphenol	11.78	107	767389	20.194	ng/ul 94
34) 2-Methylnaphthalene	12.15	142	1672919	20.098	ng/ul 99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.52	216	858692	20.216	ng/ul#	96
37) Hexachlorocyclopentadiene	12.51	237	516096	19.928	ng/ul	97
38) 2,4,6-Trichlorophenol	12.77	196	567692	20.492	ng/ul	99
39) 2,4,5-Trichlorophenol	12.84	196	599944	20.338	ng/ul	98
40) 1,1'-Biphenyl	13.17	154	2185569	20.120	ng/ul#	96
41) 2-Chloronaphthalene	13.21	162	1711729	20.187	ng/ul	98
42) 2-Nitroaniline	13.42	65	494545	20.905	ng/ul	95
44) Dimethylphthalate	13.81	163	2168332	19.977	ng/ul	98
45) 2,6-Dinitrotoluene	13.92	165	434127	21.183	ng/ul	99
47) Acenaphthylene	14.06	152	2680880	20.372	ng/ul	99
48) 3-Nitroaniline	14.25	138	400390	20.350	ng/ul	98
49) Acenaphthene	14.41	153	1854232	20.312	ng/ul	100
50) 2,4-Dinitrophenol	14.45	184	183148	17.417	ng/ul#	86
52) 4-Nitrophenol	14.56	109	309042	20.428	ng/ul#	78
53) Dibenzofuran	14.75	168	2628734	20.072	ng/ul	99
54) 2,4-Dinitrotoluene	14.71	165	635868	20.868	ng/ul	95
55) 2,3,4,6-Tetrachlorophenol	14.97	232	530463	20.374	ng/ul#	84
56) Diethylphthalate	15.18	149	2218223	20.166	ng/ul	96
58) Fluorene	15.40	166	2094202	20.043	ng/ul	99
59) 4-Chlorophenyl-phenylether	15.40	204	1042178	19.910	ng/ul	93
60) 4-Nitroaniline	15.42	138	501903	20.661	ng/ul	90
63) 4,6-Dinitro-2-methylphenol	15.47	198	343565	19.753	ng/ul#	97
64) N-Nitrosodiphenylamine	15.61	169	1845225	20.509	ng/ul	99
65) 4-Bromophenyl-phenylether	16.29	248	670134	20.506	ng/ul	97
66) Hexachlorobenzene	16.40	284	747432	20.307	ng/ul#	91
67) Atrazine	16.57	200	680986	20.753	ng/ul	100
68) Pentachlorophenol	16.74	266	398601	19.584	ng/ul	96
69) Phenanthrene	17.13	178	3468942	20.469	ng/ul	100
71) Anthracene	17.22	178	3507809	20.448	ng/ul	98
72) Carbazole	17.49	167	3154637	21.953	ng/ul	98
73) Di-n-butylphthalate	18.07	149	3836480	21.143	ng/ul	99
74) Fluoranthene	19.15	202	4056492	22.771	ng/ul#	89
77) Pyrene	19.52	202	4133598	20.716	ng/ul#	87
78) Butylbenzylphthalate	20.44	149	1766557	20.747	ng/ul	96
79) 3,3'-Dichlorobenzidine	21.21	252	1215448	20.087	ng/ul#	97
80) Benzo(a)anthracene	21.27	228	4100565	20.348	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.23	149	2670985	21.036	ng/ul#	98
82) Chrysene	21.33	228	3834066	20.448	ng/ul	100
84) Di-n-octyl phthalate	22.12	149	4442164	22.367	ng/ul	100
85) Benzo(b)fluoranthene	22.86	252	3869816	20.459	ng/ul#	97
86) Benzo(k)fluoranthene	22.90	252	3757545	20.486	ng/ul#	96
88) Benzo(a)pyrene	23.43	252	3585837	20.287	ng/ul#	96
89) Indeno(1,2,3-cd)pyrene	25.77	276	3642943	19.369	ng/ul#	89
90) Dibenzo(a,h)anthracene	25.78	278	3041742	19.432	ng/ul#	95
91) Benzo(g,h,i)perylene	26.44	276	2937532	18.934	ng/ul#	91

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

