

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070518\
 Data File : BN001959.D
 Acq On : 05 Jul 2018 09:55
 Operator : JU/SJ
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD02087

Quant Time: Jul 05 11:52:26 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN061918.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jul 04 00:59:54 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.71	152	580500	20.00	ng/ul	0.00
18) Naphthalene-d8	10.48	136	2634608	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.34	164	1554594	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.09	188	3400963	20.00	ng/ul	0.00
75) Chrysene-d12	21.28	240	2854707	20.00	ng/ul	0.00
83) Perylene-d12	23.51	264	2410317	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.27	96	103068	7.71	ng/uL	0.00
5) Phenol-d5	6.89	99	1069728	20.36	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.05	67	666339	20.56	ng/ul	0.00
9) 2-Chlorophenol-d4	7.25	132	851051	20.43	ng/ul	0.00
13) 4-Methylphenol-d8	8.41	113	854863	20.31	ng/ul	0.00
19) Nitrobenzene-d5	8.86	128	424347	21.69	ng/ul	0.00
22) 2-Nitrophenol-d4	9.57	143	465252	22.98	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.10	165	890541	20.60	ng/ul	0.00
29) 4-Chloroaniline-d4	10.62	131	1159187	25.90	ng/ul	0.00
43) Dimethylphthalate-d6	13.75	166	2589250	19.72	ng/ul	0.00
46) Acenaphthylene-d8	14.03	160	3300697	20.37	ng/ul	0.00
51) 4-Nitrophenol-d4	14.54	143	463375	19.16	ng/ul	0.00
57) Fluorene-d10	15.33	176	2273413	19.76	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.46	200	388763	20.99	ng/ul	0.00
70) Anthracene-d10	17.18	188	3354435	20.41	ng/ul	0.00
76) Pyrene-d10	19.48	212	3387018	23.54	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.37	264	2676890	20.42	ng/ul	0.00

Target Compounds

					Qvalue
2) 1,4-Dioxane	3.30	88	107550	7.810	ng/uL# 79
4) Benzaldehyde	6.86	77	694151	21.643	ng/ul 92
6) Phenol	6.91	94	1084985	20.480	ng/ul 99
8) Bis(2-Chloroethyl)ether	7.14	93	835425	20.342	ng/ul 94
10) 2-Chlorophenol	7.28	128	853637	20.248	ng/ul 100
11) 2-Methylphenol	8.15	108	822510	20.298	ng/ul 96
12) 2,2'-oxybis(1-Chloropropan	8.24	45	1356890	21.062	ng/ul 94
14) Acetophenone	8.52	105	1323542	20.480	ng/ul 98
15) N-Nitroso-di-n-propylamine	8.51	70	697099	20.914	ng/ul 91
16) 4-Methylphenol	8.48	108	908189	20.567	ng/ul 94
17) Hexachloroethane	8.78	117	331398	19.936	ng/ul 83
20) Nitrobenzene	8.90	77	1001274	20.848	ng/ul 91
21) Isophorone	9.42	82	1932715	20.491	ng/ul 98
23) 2-Nitrophenol	9.60	139	491339	22.268	ng/ul 91
24) 2,4-Dimethylphenol	9.67	107	999919	20.136	ng/ul 94
25) Bis(2-Chloroethoxy)methane	9.90	93	1198032	20.164	ng/ul 97
27) 2,4-Dichlorophenol	10.13	162	852305	20.294	ng/ul 97
28) Naphthalene	10.53	128	2798236	20.016	ng/ul 99
30) 4-Chloroaniline	10.64	127	1152008	26.046	ng/ul 98
31) Hexachlorobutadiene	10.82	225	510884	19.921	ng/ul 96
32) Caprolactam	11.40	113	293690	20.081	ng/ul 87
33) 4-Chloro-3-methylphenol	11.77	107	927545	20.036	ng/ul 95
34) 2-Methylnaphthalene	12.15	142	2021377	19.933	ng/ul 100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.52	216	1033346	20.465	ng/ul#	97
37) Hexachlorocyclopentadiene	12.50	237	540360	17.552	ng/ul#	97
38) 2,4,6-Trichlorophenol	12.76	196	693642	21.062	ng/ul	97
39) 2,4,5-Trichlorophenol	12.83	196	726243	20.710	ng/ul	96
40) 1,1'-Biphenyl	13.17	154	2623224	20.315	ng/ul#	95
41) 2-Chloronaphthalene	13.20	162	2036822	20.207	ng/ul	98
42) 2-Nitroaniline	13.41	65	625681	22.249	ng/ul	96
44) Dimethylphthalate	13.80	163	2546118	19.733	ng/ul	99
45) 2,6-Dinitrotoluene	13.92	165	532810	21.870	ng/ul	99
47) Acenaphthylene	14.06	152	3177328	20.311	ng/ul	99
48) 3-Nitroaniline	14.25	138	549849	23.509	ng/ul	95
49) Acenaphthene	14.40	153	2180503	20.093	ng/ul	99
50) 2,4-Dinitrophenol	14.45	184	252371	20.189	ng/ul#	92
52) 4-Nitrophenol	14.56	109	330278	18.366	ng/ul#	76
53) Dibenzofuran	14.74	168	3087904	19.834	ng/ul	96
54) 2,4-Dinitrotoluene	14.70	165	767682	21.193	ng/ul	95
55) 2,3,4,6-Tetrachlorophenol	14.96	232	640678	20.700	ng/ul#	84
56) Diethylphthalate	15.17	149	2553336	19.527	ng/ul	98
58) Fluorene	15.39	166	2455901	19.773	ng/ul	99
59) 4-Chlorophenyl-phenylether	15.39	204	1216165	19.545	ng/ul	92
60) 4-Nitroaniline	15.41	138	570301	19.749	ng/ul	88
63) 4,6-Dinitro-2-methylphenol	15.47	198	415538	21.134	ng/ul	99
64) N-Nitrosodiphenylamine	15.60	169	2159649	21.234	ng/ul	97
65) 4-Bromophenyl-phenylether	16.28	248	775445	20.990	ng/ul	94
66) Hexachlorobenzene	16.39	284	841445	20.223	ng/ul#	92
67) Atrazine	16.56	200	752026	20.273	ng/ul	99
68) Pentachlorophenol	16.73	266	471116	20.476	ng/ul	97
69) Phenanthrene	17.13	178	3887207	20.290	ng/ul	100
71) Anthracene	17.22	178	3945333	20.344	ng/ul	98
72) Carbazole	17.49	167	3437596	21.161	ng/ul	99
73) Di-n-butylphthalate	18.06	149	4273324	20.833	ng/ul	99
74) Fluoranthene	19.15	202	4282818	21.267	ng/ul#	88
77) Pyrene	19.51	202	4228885	23.672	ng/ul#	86
78) Butylbenzylphthalate	20.43	149	1821081	23.889	ng/ul	98
79) 3,3'-Dichlorobenzidine	21.20	252	1197984	22.114	ng/ul#	99
80) Benzo(a)anthracene	21.27	228	3693660	20.473	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.21	149	2501758	22.007	ng/ul#	98
82) Chrysene	21.32	228	3394813	20.223	ng/ul	99
84) Di-n-octyl phthalate	22.09	149	4166331	26.064	ng/ul	100
85) Benzo(b)fluoranthene	22.85	252	3244972	21.316	ng/ul#	96
86) Benzo(k)fluoranthene	22.89	252	2978569	20.177	ng/ul#	96
88) Benzo(a)pyrene	23.42	252	2923153	20.548	ng/ul#	96
89) Indeno(1,2,3-cd)pyrene	25.74	276	3168571	20.932	ng/ul#	86
90) Dibenzo(a,h)anthracene	25.76	278	2673841	21.224	ng/ul#	94
91) Benzo(g,h,i)perylene	26.42	276	2482689	19.882	ng/ul#	92

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

