

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062918\
 Data File : BN001925.D
 Acq On : 29 Jun 2018 16:46
 Operator : JU/SJ
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD02094

Quant Time: Jun 29 17:18:27 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN061918.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jun 26 04:45:44 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.71	152	472175	20.00	ng/ul	0.00
18) Naphthalene-d8	10.49	136	2166105	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.34	164	1328755	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.09	188	3070126	20.00	ng/ul	0.00
75) Chrysene-d12	21.29	240	3000018	20.00	ng/ul	0.00
83) Perylene-d12	23.52	264	2585185	20.00	ng/ul	-0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.27	96	86211	7.93	ng/uL	0.00
5) Phenol-d5	6.89	99	848821	19.86	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.05	67	544999	20.67	ng/ul	0.00
9) 2-Chlorophenol-d4	7.25	132	677994	20.01	ng/ul	0.00
13) 4-Methylphenol-d8	8.41	113	693014	20.24	ng/ul	0.00
19) Nitrobenzene-d5	8.86	128	339425	21.10	ng/ul	0.00
22) 2-Nitrophenol-d4	9.57	143	355167	21.33	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.10	165	719200	20.23	ng/ul	0.00
29) 4-Chloroaniline-d4	10.62	131	950858	25.84	ng/ul	0.00
43) Dimethylphthalate-d6	13.76	166	2261929	20.16	ng/ul	0.00
46) Acenaphthylene-d8	14.03	160	2817177	20.34	ng/ul	0.00
51) 4-Nitrophenol-d4	14.54	143	417601	20.20	ng/ul	0.00
57) Fluorene-d10	15.33	176	1975363	20.08	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.46	200	343979	20.57	ng/ul	0.00
70) Anthracene-d10	17.19	188	3019268	20.35	ng/ul	0.00
76) Pyrene-d10	19.48	212	3287706	21.74	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.37	264	2888134	20.54	ng/ul	-0.01

Target Compounds

					Qvalue
2) 1,4-Dioxane	3.30	88	85559	7.639	ng/uL# 79
4) Benzaldehyde	6.86	77	550242	21.092	ng/ul 90
6) Phenol	6.91	94	868685	20.159	ng/ul 100
8) Bis(2-Chloroethyl)ether	7.15	93	686364	20.547	ng/ul 96
10) 2-Chlorophenol	7.28	128	687336	20.043	ng/ul 99
11) 2-Methylphenol	8.15	108	662718	20.106	ng/ul 97
12) 2,2'-oxybis(1-Chloropropan	8.24	45	1112182	21.225	ng/ul 94
14) Acetophenone	8.52	105	1095570	20.841	ng/ul 98
15) N-Nitroso-di-n-propylamine	8.52	70	566734	20.904	ng/ul 92
16) 4-Methylphenol	8.48	108	739998	20.603	ng/ul 94
17) Hexachloroethane	8.78	117	267961	19.818	ng/ul 85
20) Nitrobenzene	8.90	77	803842	20.358	ng/ul 93
21) Isophorone	9.42	82	1595187	20.571	ng/ul 98
23) 2-Nitrophenol	9.60	139	396373	21.850	ng/ul# 90
24) 2,4-Dimethylphenol	9.67	107	829711	20.322	ng/ul 94
25) Bis(2-Chloroethoxy)methane	9.90	93	1000371	20.479	ng/ul 98
27) 2,4-Dichlorophenol	10.13	162	700788	20.296	ng/ul 98
28) Naphthalene	10.53	128	2297807	19.991	ng/ul 98
30) 4-Chloroaniline	10.65	127	947598	26.058	ng/ul 98
31) Hexachlorobutadiene	10.82	225	421884	20.009	ng/ul 98
32) Caprolactam	11.40	113	237440	19.747	ng/ul 86
33) 4-Chloro-3-methylphenol	11.77	107	775194	20.367	ng/ul 94
34) 2-Methylnaphthalene	12.15	142	1697357	20.358	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	874949	20.273	ng/ul#	97
37) Hexachlorocyclopentadiene	12.50	237	523506	19.895	ng/ul#	96
38) 2,4,6-Trichlorophenol	12.76	196	570427	20.265	ng/ul	98
39) 2,4,5-Trichlorophenol	12.83	196	602728	20.109	ng/ul	99
40) 1,1'-Biphenyl	13.17	154	2232863	20.230	ng/ul#	96
41) 2-Chloronaphthalene	13.21	162	1736771	20.159	ng/ul	98
42) 2-Nitroaniline	13.42	65	512738	21.332	ng/ul	97
44) Dimethylphthalate	13.80	163	2216358	20.097	ng/ul	99
45) 2,6-Dinitrotoluene	13.92	165	450018	21.611	ng/ul	99
47) Acenaphthylene	14.06	152	2750749	20.573	ng/ul	99
48) 3-Nitroaniline	14.25	138	460389	23.029	ng/ul	96
49) Acenaphthene	14.40	153	1873322	20.197	ng/ul	99
50) 2,4-Dinitrophenol	14.45	184	208548	19.519	ng/ul#	89
52) 4-Nitrophenol	14.56	109	305479	19.874	ng/ul#	72
53) Dibenzofuran	14.74	168	2692618	20.235	ng/ul	97
54) 2,4-Dinitrotoluene	14.70	165	667835	21.570	ng/ul	93
55) 2,3,4,6-Tetrachlorophenol	14.97	232	542871	20.521	ng/ul#	82
56) Diethylphthalate	15.17	149	2261392	20.234	ng/ul	97
58) Fluorene	15.39	166	2153480	20.285	ng/ul	98
59) 4-Chlorophenyl-phenylether	15.39	204	1073899	20.192	ng/ul	94
60) 4-Nitroaniline	15.41	138	496229	20.105	ng/ul	90
63) 4,6-Dinitro-2-methylphenol	15.47	198	368221	20.746	ng/ul	97
64) N-Nitrosodiphenylamine	15.60	169	1882016	20.498	ng/ul	99
65) 4-Bromophenyl-phenylether	16.29	248	676257	20.278	ng/ul	96
66) Hexachlorobenzene	16.39	284	759332	20.216	ng/ul#	91
67) Atrazine	16.56	200	680341	20.317	ng/ul	99
68) Pentachlorophenol	16.74	266	423908	20.409	ng/ul	96
69) Phenanthrene	17.13	178	3483624	20.143	ng/ul	99
71) Anthracene	17.22	178	3571401	20.401	ng/ul	98
72) Carbazole	17.49	167	3157224	21.530	ng/ul	99
73) Di-n-butylphthalate	18.07	149	3890323	21.009	ng/ul	99
74) Fluoranthene	19.15	202	4083214	22.461	ng/ul#	91
77) Pyrene	19.52	202	4100157	21.840	ng/ul#	88
78) Butylbenzylphthalate	20.43	149	1714367	21.400	ng/ul	97
79) 3,3'-Dichlorobenzidine	21.20	252	1198358	21.050	ng/ul#	97
80) Benzo(a)anthracene	21.27	228	3875629	20.441	ng/ul	100
81) Bis(2-ethylhexyl)phthalate	21.22	149	2541112	21.271	ng/ul	99
82) Chrysene	21.32	228	3556611	20.161	ng/ul	99
84) Di-n-octyl phthalate	22.10	149	4102772	23.931	ng/ul	100
85) Benzo(b)fluoranthene	22.85	252	3541208	21.688	ng/ul#	97
86) Benzo(k)fluoranthene	22.90	252	3235476	20.435	ng/ul#	96
88) Benzo(a)pyrene	23.42	252	3139715	20.577	ng/ul#	96
89) Indeno(1,2,3-cd)pyrene	25.75	276	3184679	19.615	ng/ul#	86
90) Dibenzo(a,h)anthracene	25.77	278	2695918	19.952	ng/ul#	94
91) Benzo(g,h,i)perylene	26.43	276	2598380	19.401	ng/ul#	91

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

