

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN020519\
 Data File : BN004349.D
 Acq On : 05 Feb 2019 11:59
 Operator : JU/SJ
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD02070

Quant Time: Feb 05 13:38:02 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN010919MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jan 09 12:45:02 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	74930	20.00	ng/ul	0.00
18) Naphthalene-d8	10.55	136	327454	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.39	164	190927	20.00	ng/ul	-0.01
61) Phenanthrene-d10	17.15	188	445212	20.00	ng/ul	0.00
77) Chrysene-d12	21.34	240	503159	20.00	ng/ul	-0.01
85) Perylene-d12	23.62	264	492195	20.00	ng/ul	-0.02

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.26	96	12085	8.08	ng/uL	0.00
5) Phenol-d5	6.91	99	121668	20.05	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.10	67	66231	20.40	ng/ul	0.00
9) 2-Chlorophenol-d4	7.29	132	108395	20.38	ng/ul	0.00
13) 4-Methylphenol-d8	8.45	113	100241	20.23	ng/ul	0.00
19) Nitrobenzene-d5	8.92	128	48215	21.67	ng/ul	0.00
22) 2-Nitrophenol-d4	9.63	143	49765	21.24	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.16	165	108145	20.59	ng/ul	0.00
29) 4-Chloroaniline-d4	10.68	131	98398	21.16	ng/ul	0.00
43) Dimethylphthalate-d6	13.80	166	329855	20.22	ng/ul	-0.01
46) Acenaphthylene-d8	14.09	160	408631	20.50	ng/ul	0.00
51) 4-Nitrophenol-d4	14.59	143	57435	19.58	ng/ul	0.00
57) Fluorene-d10	15.39	176	285338	20.31	ng/ul	-0.01
62) 4,6-Dinitro-2-methylphenol	15.51	200	49844	19.50	ng/ul	0.00
70) Anthracene-d10	17.24	188	442242	20.47	ng/ul	-0.01
78) Pyrene-d10	19.54	212	506561	20.44	ng/ul	-0.01
89) Benzo(a)pyrene-d12	23.47	264	539394	20.46	ng/ul	-0.02

Target Compounds

					Qvalue
2) 1,4-Dioxane	3.29	88	13093	7.881	ng/uL 98
4) Benzaldehyde	6.91	77	20778	20.158	ng/ul 98
6) Phenol	6.94	94	121634	20.304	ng/ul 99
8) Bis(2-Chloroethyl)ether	7.19	93	93385	20.552	ng/ul 98
10) 2-Chlorophenol	7.32	128	107380	20.430	ng/ul 99
11) 2-Methylphenol	8.19	108	95685	20.144	ng/ul 98
12) 2,2'-oxybis(1-Chloropropan	8.28	45	108161	19.647	ng/ul 99
14) Acetophenone	8.58	105	152859	20.776	ng/ul 98
15) N-Nitroso-di-n-propylamine	8.56	70	65549	20.078	ng/ul 97
16) 4-Methylphenol	8.52	108	103194	20.497	ng/ul 99
17) Hexachloroethane	8.82	117	40288	20.080	ng/ul 98
20) Nitrobenzene	8.96	77	102581	21.188	ng/ul 97
21) Isophorone	9.48	82	195432	19.607	ng/ul 99
23) 2-Nitrophenol	9.66	139	55665	21.386	ng/ul 99
24) 2,4-Dimethylphenol	9.72	107	116574	20.382	ng/ul 99
25) Bis(2-Chloroethoxy)methane	9.96	93	127759	20.713	ng/ul 99
27) 2,4-Dichlorophenol	10.19	162	105229	20.737	ng/ul 99
28) Naphthalene	10.59	128	344549	20.216	ng/ul 99
30) 4-Chloroaniline	10.70	127	99694	21.349	ng/ul 100
31) Hexachlorobutadiene	10.86	225	71864	20.617	ng/ul 98
32) Caprolactam	11.48	113	28399	18.733	ng/ul 91
33) 4-Chloro-3-methylphenol	11.82	107	107366	20.573	ng/ul 99
34) 2-Methylnaphthalene	12.20	142	253687	20.565	ng/ul 100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.57	216	138593	20.675	ng/ul	99
37) Hexachlorocyclopentadiene	12.55	237	86795	20.951	ng/ul	99
38) 2,4,6-Trichlorophenol	12.82	196	83207	20.641	ng/ul	98
39) 2,4,5-Trichlorophenol	12.88	196	92006	20.950	ng/ul	98
40) 1,1'-Biphenyl	13.22	154	325640	20.503	ng/ul	99
41) 2-Chloronaphthalene	13.26	162	254831	20.603	ng/ul	99
42) 2-Nitroaniline	13.48	65	55212	22.290	ng/ul	99
44) Dimethylphthalate	13.86	163	321621	20.288	ng/ul	99
45) 2,6-Dinitrotoluene	13.98	165	63204	22.412	ng/ul	97
47) Acenaphthylene	14.12	152	381200	20.450	ng/ul	99
48) 3-Nitroaniline	14.31	138	60108	21.964	ng/ul	100
49) Acenaphthene	14.46	153	268009	20.267	ng/ul	100
50) 2,4-Dinitrophenol	14.51	184	30189	18.561	ng/ul	98
52) 4-Nitrophenol	14.60	109	42512	19.356	ng/ul	97
53) Dibenzofuran	14.79	168	380899	20.340	ng/ul	99
54) 2,4-Dinitrotoluene	14.76	165	93319	22.421	ng/ul	96
55) 2,3,4,6-Tetrachlorophenol	15.02	232	79584	20.274	ng/ul	98
56) Diethylphthalate	15.22	149	320476	19.968	ng/ul	100
58) Fluorene	15.45	166	305651	20.416	ng/ul	99
59) 4-Chlorophenyl-phenylether	15.44	204	163487	20.740	ng/ul	99
60) 4-Nitroaniline	15.47	138	71217	21.905	ng/ul	99
63) 4,6-Dinitro-2-methylphenol	15.52	198	52839	19.751	ng/ul	100
64) N-Nitrosodiphenylamine	15.66	169	268408	20.573	ng/ul	99
65) 4-Bromophenyl-phenylether	16.33	248	106901	21.056	ng/ul	98
66) Hexachlorobenzene	16.43	284	119669	20.594	ng/ul	96
67) Atrazine	16.61	200	96416	19.954	ng/ul	99
68) Pentachlorophenol	16.78	266	66888	19.011	ng/ul	99
69) Phenanthrene	17.19	178	501669	20.363	ng/ul	99
71) Anthracene	17.27	178	509123	20.620	ng/ul	100
72) 1,2,3,4-Tetrachlorobenzene	13.18	216	137922	21.077	ng/ul	99
73) Pentachlorobenzene	14.70	250	137203	20.867	ng/ul	98
74) Carbazole	17.55	167	445918	20.788	ng/ul	100
75) Di-n-butylphthalate	18.11	149	531006	20.513	ng/ul	100
76) Fluoranthene	19.20	202	605339	20.985	ng/ul	99
79) Pyrene	19.57	202	614588	20.420	ng/ul	100
80) Butylbenzylphthalate	20.47	149	239074	21.466	ng/ul	99
81) 3,3'-Dichlorobenzidine	21.26	252	152658	15.110	ng/ul	100
82) Benzo(a)anthracene	21.32	228	640389	20.357	ng/ul	99
83) Bis(2-ethylhexyl)phthalate	21.25	149	351168	21.033	ng/ul	99
84) Chrysene	21.37	228	591246	20.082	ng/ul	99
86) Di-n-octyl phthalate	22.14	149	594346	20.670	ng/ul	99
87) Benzo(b)fluoranthene	22.93	252	645126	21.423	ng/ul	99
88) Benzo(k)fluoranthene	22.97	252	585431	20.215	ng/ul	99
90) Benzo(a)pyrene	23.52	252	584217	20.439	ng/ul	99
91) Indeno(1,2,3-cd)pyrene	25.92	276	623240	18.887	ng/ul	99
92) Dibenzo(a,h)anthracene	25.93	278	521208	19.195	ng/ul	99
93) Benzo(g,h,i)perylene	26.62	276	506984	18.501	ng/ul	99

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

