

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN012221\
 Data File : BN013446.D
 Acq On : 21 Jan 2021 09:50
 Operator : CG/JU
 Sample : SSTD00553
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD005531

Quant Time: Jan 21 12:01:01 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-BN012221.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jan 21 11:50:48 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	646490	20.00	ng/ul	0.00
20) Naphthalene-d8	10.35	136	2566095	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.22	164	1403188	20.00	ng/ul	0.00
64) Phenanthrene-d10	16.97	188	2598071	20.00	ng/ul	0.00
79) Chrysene-d12	21.17	240	2122401	20.00	ng/ul	0.00
88) Perylene-d12	23.36	264	2160092	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.19	96	31215	1.92	ng/uL	0.00
4) Pyridine-d5	3.58	84	190640	4.53	ng/ul	0.00
7) Phenol-d5	6.76	99	241374	4.64	ng/ul	0.00
9) Bis-(2-Chloroethyl)ether-d	6.93	67	148511	4.87	ng/ul	0.00
11) 2-Chlorophenol-d4	7.12	132	209246	4.68	ng/ul	0.00
15) 4-Methylphenol-d8	8.28	113	183598	4.40	ng/ul	0.00
21) Nitrobenzene-d5	8.72	128	91255	4.59	ng/ul	0.00
24) 2-Nitrophenol-d4	9.44	143	84942	4.10	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	9.97	165	182407	4.56	ng/ul	0.00
31) 4-Chloroaniline-d4	10.49	131	257587	4.46	ng/ul	0.00
46) Dimethylphthalate-d6	13.63	166	497882	4.72	ng/ul	0.00
49) Acenaphthylene-d8	13.90	160	634849	4.80	ng/ul	0.00
54) 4-Nitrophenol-d4	14.42	143	72068	3.57	ng/ul	0.00
60) Fluorene-d10	15.22	176	448289	4.83	ng/ul	0.00
65) 4,6-Dinitro-2-methylphenol	15.33	200	48996	3.20	ng/ul	0.00
73) Anthracene-d10	17.07	188	625525	4.96	ng/ul	0.00
81) Pyrene-d10	19.37	212	592475	4.87	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.22	264	520139	4.54	ng/ul	0.00

Target Compounds

					Ovalue
2) 1,4-Dioxane	3.22	88	32463	1.937	ng/uL 95
5) Pyridine	3.59	79	194638	4.578	ng/ul 98
6) Benzaldehyde	6.73	77	98586	5.024	ng/ul 95
8) Phenol	6.79	94	258349	4.820	ng/ul 97
10) Bis(2-Chloroethyl)ether	7.02	93	215533	4.906	ng/ul 98
12) 2-Chlorophenol	7.15	128	221043	4.789	ng/ul 99
13) 2-Methylphenol	8.02	108	182516	4.469	ng/ul 99
14) 2,2'-oxybis(1-Chloropropan	8.10	45	310977	5.072	ng/ul 98
16) Acetophenone	8.39	105	301301	4.755	ng/ul 98
17) N-Nitroso-di-n-propylamine	8.38	70	127085	4.440	ng/ul 98
18) 4-Methylphenol	8.35	108	205612	4.676	ng/ul 94
19) Hexachloroethane	8.65	117	92143	4.864	ng/ul 98
22) Nitrobenzene	8.76	77	219912	4.877	ng/ul 97
23) Isophorone	9.29	82	343201	4.295	ng/ul 99
25) 2-Nitrophenol	9.47	139	103359	4.446	ng/ul 98
26) 2,4-Dimethylphenol	9.53	107	214437	4.737	ng/ul 100
27) Bis(2-Chloroethoxy)methane	9.78	93	263486	4.790	ng/ul 99
29) 2,4-Dichlorophenol	10.00	162	191110	4.773	ng/ul 97
30) Naphthalene	10.40	128	732523	5.028	ng/ul 99
32) 4-Chloroaniline	10.50	127	264427	4.744	ng/ul 100
33) Hexachlorobutadiene	10.69	225	131147	5.013	ng/ul 96
34) Caprolactam	11.25	113	35865	3.084	ng/ul 96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 4-Chloro-3-methylphenol	11.63	107	174837	4.380	ng/ul	98
36) 2-Methylnaphthalene	12.02	142	481535	4.911	ng/ul	97
37) 1-Methylnaphthalene	12.24	142	460728	4.876	ng/ul	99
39) 1,2,4,5-Tetrachlorobenzene	12.39	216	228163	5.068	ng/ul	97
40) Hexachlorocyclopentadiene	12.38	237	122804	4.420	ng/ul	98
41) 2,4,6-Trichlorophenol	12.63	196	120840	4.423	ng/ul	97
42) 2,4,5-Trichlorophenol	12.70	196	132563	4.457	ng/ul	95
43) 1,1'-Biphenyl	13.05	154	604651	5.117	ng/ul	100
44) 2-Chloronaphthalene	13.08	162	473244	5.081	ng/ul	96
45) 2-Nitroaniline	13.29	65	86489	4.133	ng/ul	94
47) Dimethylphthalate	13.68	163	529666	4.864	ng/ul	99
48) 2,6-Dinitrotoluene	13.79	165	88111	4.223	ng/ul	97
50) Acenaphthylene	13.93	152	672627	4.918	ng/ul	99
51) 3-Nitroaniline	14.12	138	76173	3.934	ng/ul	98
52) Acenaphthene	14.28	153	490395	5.026	ng/ul	99
53) 2,4-Dinitrophenol	14.33	184	27744	2.375	ng/ul	94
55) 4-Nitrophenol	14.43	109	58491	4.035	ng/ul	93
56) Dibenzofuran	14.62	168	660351	4.994	ng/ul	98
57) 2,4-Dinitrotoluene	14.59	165	123823	4.176	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	14.85	232	97311	4.055	ng/ul	97
59) Diethylphthalate	15.06	149	485429	4.572	ng/ul	99
61) Fluorene	15.27	166	531002	5.038	ng/ul	97
62) 4-Chlorophenyl-phenylether	15.27	204	262494	5.102	ng/ul	98
63) 4-Nitroaniline	15.29	138	69502	4.034	ng/ul	98
66) 4,6-Dinitro-2-methylphenol	15.35	198	56649	3.408	ng/ul#	98
67) N-Nitrosodiphenylamine	15.49	169	425810	5.062	ng/ul	99
68) 4-Bromophenyl-phenylether	16.17	248	142262	4.848	ng/ul	99
69) Hexachlorobenzene	16.27	284	167170	5.039	ng/ul	98
70) Atrazine	16.45	200	118386	4.216	ng/ul	96
71) Pentachlorophenol	16.62	266	60289	3.213	ng/ul	98
72) Phenanthrene	17.01	178	788271	5.047	ng/ul	99
74) Anthracene	17.10	178	780669	4.957	ng/ul	100
75) 1,2,3,4-Tetrachlorobenzene	13.00	216	225017	5.365	ng/uL	95
76) Pentachlorobenzene	14.54	250	216376	5.300	ng/uL	97
77) Carbazole	17.37	167	632290	4.884	ng/ul	98
78) Di-n-butylphthalate	17.96	149	611768	3.956	ng/ul	100
80) Fluoranthene	19.03	202	763260	4.831	ng/ul	100
82) Pyrene	19.40	202	823566	5.058	ng/ul	99
83) Butylbenzylphthalate	20.33	149	193387	3.383	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.10	252	130789	3.288	ng/ul	99
85) Benzo(a)anthracene	21.16	228	687913	4.868	ng/ul	98
86) Bis(2-ethylhexyl)phthalate	21.12	149	288091	3.496	ng/ul	98
87) Chrysene	21.21	228	705355	5.065	ng/ul	99
89) Di-n-octyl phthalate	21.98	149	450378	3.194	ng/ul	100
90) Benzo(b)fluoranthene	22.70	252	696748	4.780	ng/ul	96
91) Benzo(k)fluoranthene	22.75	252	662803	4.622	ng/ul	99
93) Benzo(a)pyrene	23.26	252	624720	4.795	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	25.53	276	795945	5.411	ng/ul	98
95) Dibenzo(a,h)anthracene	25.54	278	668195	5.433	ng/ul	98
96) Benzo(g,h,i)perylene	26.19	276	650665	5.271	ng/ul	96

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

