

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN012221\
 Data File : BN013450.D
 Acq On : 21 Jan 2021 12:13
 Operator : CG/JU
 Sample : SSTD08051
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD080515

Quant Time: Jan 21 12:43:45 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	552834	20.00	ng/ul	0.00
20) Naphthalene-d8	10.35	136	2197662	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.22	164	1221575	20.00	ng/ul	0.00
64) Phenanthrene-d10	16.97	188	2278268	20.00	ng/ul	0.00
79) Chrysene-d12	21.18	240	1656686	20.00	ng/ul	0.00
88) Perylene-d12	23.36	264	1746941	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.19	96	428030	30.85	ng/uL	0.00
4) Pyridine-d5	3.57	84	2848791	79.15	ng/ul	0.00
7) Phenol-d5	6.77	99	3551855	79.87	ng/ul	0.00
9) Bis-(2-Chloroethyl)ether-d	6.94	67	2030428	77.78	ng/ul	0.01
11) 2-Chlorophenol-d4	7.13	132	3062167	80.16	ng/ul	0.00
15) 4-Methylphenol-d8	8.30	113	2803078	78.48	ng/ul	0.01
21) Nitrobenzene-d5	8.73	128	1450355	85.21	ng/ul	0.00
24) 2-Nitrophenol-d4	9.45	143	1602248	90.27	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	9.98	165	2764101	80.66	ng/ul	0.01
31) 4-Chloroaniline-d4	10.49	131	3771106	76.19	ng/ul	0.00
46) Dimethylphthalate-d6	13.65	166	7052872	76.73	ng/ul	0.00
49) Acenaphthylene-d8	13.92	160	8797804	76.34	ng/ul	0.00
54) 4-Nitrophenol-d4	14.45	143	1398453	79.49	ng/ul	0.02
60) Fluorene-d10	15.22	176	5863338	72.63	ng/ul	0.00
65) 4,6-Dinitro-2-methylphenol	15.35	200	1176983	87.53	ng/ul	0.01
73) Anthracene-d10	17.07	188	8099256	73.17	ng/ul	0.00
81) Pyrene-d10	19.38	212	7704868	81.21	ng/ul	0.01
92) Benzo(a)pyrene-d12	23.23	264	7123688	76.94	ng/ul	0.01

Target Compounds

					Ovalue
2) 1,4-Dioxane	3.22	88	441894	30.839	ng/uL 98
5) Pyridine	3.59	79	2876566	79.122	ng/ul 98
6) Benzaldehyde	6.74	77	1441192	85.887	ng/ul 98
8) Phenol	6.80	94	3591864	78.363	ng/ul 99
10) Bis(2-Chloroethyl)ether	7.03	93	2908536	77.426	ng/ul 98
12) 2-Chlorophenol	7.16	128	3069421	77.767	ng/ul 99
13) 2-Methylphenol	8.03	108	2746341	78.636	ng/ul 98
14) 2,2'-oxybis(1-Chloropropan	8.12	45	4035923	76.975	ng/ul 99
16) Acetophenone	8.40	105	4083305	75.354	ng/ul 100
17) N-Nitroso-di-n-propylamine	8.41	70	1871998	76.480	ng/ul 97
18) 4-Methylphenol	8.37	108	2935321	78.070	ng/ul 98
19) Hexachloroethane	8.65	117	1274806	78.697	ng/ul 99
22) Nitrobenzene	8.78	77	3080868	79.780	ng/ul 98
23) Isophorone	9.31	82	5616904	82.083	ng/ul 99
25) 2-Nitrophenol	9.48	139	1696755	85.230	ng/ul 97
26) 2,4-Dimethylphenol	9.55	107	3039268	78.399	ng/ul 99
27) Bis(2-Chloroethoxy)methane	9.79	93	3648228	77.444	ng/ul 99
29) 2,4-Dichlorophenol	10.01	162	2652686	77.356	ng/ul 100
30) Naphthalene	10.40	128	9223529	73.928	ng/ul 100
32) 4-Chloroaniline	10.52	127	3570448	74.794	ng/ul 98
33) Hexachlorobutadiene	10.69	225	1702032	75.970	ng/ul 100
34) Caprolactam	11.31	113	482454	48.442	ng/ul 94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 4-Chloro-3-methylphenol	11.66	107	2788656	81.568	ng/ul	99
36) 2-Methylnaphthalene	12.02	142	6263317	74.587	ng/ul	97
37) 1-Methylnaphthalene	12.25	142	5961731	73.672	ng/ul	100
39) 1,2,4,5-Tetrachlorobenzene	12.40	216	2870102	73.235	ng/ul	99
40) Hexachlorocyclopentadiene	12.38	237	1942892	80.323	ng/ul	98
41) 2,4,6-Trichlorophenol	12.65	196	1989632	83.656	ng/ul	97
42) 2,4,5-Trichlorophenol	12.72	196	2123601	82.013	ng/ul	98
43) 1,1'-Biphenyl	13.05	154	7594979	73.836	ng/ul	99
44) 2-Chloronaphthalene	13.09	162	6029062	74.357	ng/ul	97
45) 2-Nitroaniline	13.30	65	1643444	90.201	ng/ul	99
47) Dimethylphthalate	13.70	163	7111082	75.018	ng/ul	100
48) 2,6-Dinitrotoluene	13.81	165	1613822	88.852	ng/ul	97
50) Acenaphthylene	13.95	152	8788074	73.812	ng/ul	99
51) 3-Nitroaniline	14.13	138	1526270	90.553	ng/ul	97
52) Acenaphthene	14.29	153	6203803	73.038	ng/ul	99
53) 2,4-Dinitrophenol	14.34	184	881761	86.716	ng/ul	96
55) 4-Nitrophenol	14.46	109	986189	78.148	ng/ul	99
56) Dibenzofuran	14.63	168	8237901	71.567	ng/ul	100
57) 2,4-Dinitrotoluene	14.60	165	2163227	83.794	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	14.86	232	1674988	80.173	ng/ul	97
59) Diethylphthalate	15.07	149	7087353	76.681	ng/ul	99
61) Fluorene	15.28	166	6214289	67.728	ng/ul	97
62) 4-Chlorophenyl-phenylether	15.28	204	3007793	67.150	ng/ul	96
63) 4-Nitroaniline	15.31	138	1331288	88.766	ng/ul	98
66) 4,6-Dinitro-2-methylphenol	15.37	198	1229297	84.328	ng/ul#	97
67) N-Nitrosodiphenylamine	15.50	169	5641687	76.488	ng/ul	99
68) 4-Bromophenyl-phenylether	16.17	248	1963019	76.291	ng/ul	91
69) Hexachlorobenzene	16.28	284	2191331	75.323	ng/ul	99
70) Atrazine	16.46	200	2002618	81.331	ng/ul	99
71) Pentachlorophenol	16.63	266	1328671	80.741	ng/ul	96
72) Phenanthrene	17.02	178	9769716	71.329	ng/ul	99
74) Anthracene	17.11	178	9739169	70.519	ng/ul	98
75) 1,2,3,4-Tetrachlorobenzene	13.01	216	2930482	79.681	ng/uL	97
76) Pentachlorobenzene	14.55	250	2718204	75.932	ng/uL	97
77) Carbazole	17.38	167	8697396	76.612	ng/ul	99
78) Di-n-butylphthalate	17.96	149	10623747	78.338	ng/ul	99
80) Fluoranthene	19.05	202	10035302	81.376	ng/ul	99
82) Pyrene	19.41	202	9834729	77.387	ng/ul	100
83) Butylbenzylphthalate	20.33	149	4196390	94.040	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.10	252	2550608	82.154	ng/ul	99
85) Benzo(a)anthracene	21.16	228	8454661	76.647	ng/ul	99
86) Bis(2-ethylhexyl)phthalate	21.12	149	5682433	88.347	ng/ul	100
87) Chrysene	21.22	228	8005313	73.651	ng/ul	97
89) Di-n-octyl phthalate	21.99	149	9502378	83.330	ng/ul	100
90) Benzo(b)fluoranthene	22.72	252	8515878	72.238	ng/ul	97
91) Benzo(k)fluoranthene	22.76	252	8230173	70.965	ng/ul	99
93) Benzo(a)pyrene	23.27	252	7935595	75.313	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	25.55	276	9955645	83.686	ng/ul	98
95) Dibenzo(a,h)anthracene	25.57	278	8204283	82.488	ng/ul	100
96) Benzo(g,h,i)perylene	26.22	276	8478423	84.934	ng/ul	97

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

