

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN030421\
 Data File : BN013843.D
 Acq On : 04 Mar 2021 21:21
 Operator : CG/JU
 Sample : M1534-09
 Misc : SOM-MDL-S-02
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MDL-SOIL-02

Quant Time: Mar 05 00:20:26 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN030421MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Mar 04 14:09:31 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	166646	20.00	ng/ul	0.00
18) Naphthalene-d8	10.50	136	690732	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.36	164	409609	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.10	188	853367	20.00	ng/ul	0.00
78) Chrysene-d12	21.28	240	846428	20.00	ng/ul	0.00
86) Perylene-d12	23.51	264	836072	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.22	96	15795	3.76	ng/uL	0.00
5) Phenol-d5	6.89	99	396234	29.40	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.06	67	267589	32.16	ng/ul	0.00
9) 2-Chlorophenol-d4	7.25	132	324716	31.51	ng/ul	0.00
13) 4-Methylphenol-d8	8.42	113	303408	29.73	ng/ul	0.00
19) Nitrobenzene-d5	8.87	128	145601	31.50	ng/ul	0.00
22) 2-Nitrophenol-d4	9.59	143	141661	32.08	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.12	165	288175	29.88	ng/ul	0.00
29) 4-Chloroaniline-d4	10.64	131	414813	34.73	ng/ul	0.00
44) Dimethylphthalate-d6	13.77	166	870711	31.66	ng/ul	0.00
47) Acenaphthylene-d8	14.05	160	1111309	30.55	ng/ul	0.00
52) 4-Nitrophenol-d4	14.55	143	138819	26.91	ng/ul	0.00
58) Fluorene-d10	15.35	176	769434	31.68	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.46	200	95800	24.15	ng/ul	0.00
71) Anthracene-d10	17.20	188	1157325	31.03	ng/ul	0.00
79) Pyrene-d10	19.49	212	1249407	30.35	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.36	264	1339284	32.18	ng/ul	-0.01

Target Compounds

				Ovalue	
2) 1,4-Dioxane	3.26	88	3232	0.758	ng/uL# 86
4) Benzaldehyde	6.86	77	28896	4.260	ng/ul 94
6) Phenol	6.91	94	44605	3.088	ng/ul 93
8) Bis(2-Chloroethyl)ether	7.15	93	35297	3.124	ng/ul 99
10) 2-Chlorophenol	7.29	128	35277	3.213	ng/ul 99
11) 2-Methylphenol	8.16	108	28162	2.703	ng/ul 96
12) 2,2'-oxybis(1-Chloropropan	8.25	45	53729	3.115	ng/ul 99
14) Acetophenone	8.53	105	51790	3.080	ng/ul 99
15) N-Nitroso-di-n-propylamine	8.52	70	22746	2.726	ng/ul 97
16) 4-Methylphenol	8.48	108	34394	3.042	ng/ul 92
17) Hexachloroethane	8.79	117	14373	3.086	ng/ul 90
20) Nitrobenzene	8.91	77	40341	3.191	ng/ul 99
21) Isophorone	9.43	82	59341	2.677	ng/ul 99
23) 2-Nitrophenol	9.62	139	16832	3.259	ng/ul 96
24) 2,4-Dimethylphenol	9.68	107	35877	2.949	ng/ul 100
25) Bis(2-Chloroethoxy)methane	9.92	93	44397	2.999	ng/ul 99
27) 2,4-Dichlorophenol	10.15	162	30739	3.097	ng/ul 88
28) Naphthalene	10.55	128	116194	3.245	ng/ul 98
30) 4-Chloroaniline	10.66	127	45631	3.677	ng/ul 99
31) Hexachlorobutadiene	10.84	225	20420	3.231	ng/ul 96
32) Caprolactam	11.43	113	5280	1.758	ng/ul 95
33) 4-Chloro-3-methylphenol	11.78	107	26631	2.633	ng/ul 93
34) 2-Methylnaphthalene	12.17	142	77315	3.160	ng/ul 95

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35) 1-Methylnaphthalene	12.39	142	74789	3.172	ng/ul	98
37) 1,2,4,5-Tetrachlorobenzene	12.54	216	37526	3.043	ng/ul	99
38) Hexachlorocyclopentadiene	12.52	237	19256	2.622	ng/ul	98
39) 2,4,6-Trichlorophenol	12.78	196	17186	2.415	ng/ul	96
40) 2,4,5-Trichlorophenol	12.85	196	19713	2.524	ng/ul	99
41) 1,1'-Biphenyl	13.19	154	97623	3.169	ng/ul	99
42) 2-Chloronaphthalene	13.23	162	75345	3.129	ng/ul	96
43) 2-Nitroaniline	13.43	65	14854	2.379	ng/ul	92
45) Dimethylphthalate	13.82	163	92658	3.256	ng/ul	99
46) 2,6-Dinitrotoluene	13.93	165	12363	2.424	ng/ul	97
48) Acenaphthylene	14.07	152	112337	3.185	ng/ul	99
49) 3-Nitroaniline	14.26	138	13908	2.508	ng/ul	100
50) Acenaphthene	14.42	153	81605	3.172	ng/ul	95
51) 2,4-Dinitrophenol	14.46	184	4284	1.596	ng/ul	91
53) 4-Nitrophenol	14.56	109	12153	2.924	ng/ul#	83
54) Dibenzofuran	14.76	168	114750	3.236	ng/ul	97
55) 2,4-Dinitrotoluene	14.72	165	19110	2.623	ng/ul	97
56) 2,3,4,6-Tetrachlorophenol	14.98	232	14576	2.418	ng/ul#	93
57) Diethylphthalate	15.19	149	82715	2.908	ng/ul	99
59) Fluorene	15.40	166	94016	3.258	ng/ul	97
60) 4-Chlorophenyl-phenylether	15.40	204	45720	3.302	ng/ul	95
61) 4-Nitroaniline	15.42	138	14871	2.341	ng/ul	92
64) 4,6-Dinitro-2-methylphenol	15.47	198	11320	2.709	ng/ul#	65
65) N-Nitrosodiphenylamine	15.62	169	73854	3.005	ng/ul	99
66) 4-Bromophenyl-phenylether	16.30	248	25070	3.067	ng/ul	98
67) Hexachlorobenzene	16.40	284	28806	2.950	ng/ul	94
68) Atrazine	16.57	200	19808	2.332	ng/ul#	89
69) Pentachlorophenol	16.75	266	9342	1.816	ng/ul	94
70) Phenanthrene	17.15	178	146653	3.172	ng/ul	99
72) Anthracene	17.23	178	150216	3.196	ng/ul	97
73) 1,2,3,4-Tetrachlorobenzene	13.15	216	38276	3.063	ng/uL	98
74) Pentachlorobenzene	14.67	250	35282	2.997	ng/uL	99
75) Carbazole	17.50	167	117879	2.811	ng/ul	99
76) Di-n-butylphthalate	18.07	149	108852	2.320	ng/ul	99
77) Fluoranthene	19.16	202	150178	2.938	ng/ul	98
80) Pvrene	19.52	202	176426	3.237	ng/ul	98
81) Butylbenzylphthalate	20.43	149	36522	1.947	ng/ul#	96
82) 3,3'-Dichlorobenzidine	21.20	252	36486	2.297	ng/ul	91
83) Benzo(a)anthracene	21.26	228	158648	3.045	ng/ul	98
84) Bis(2-ethylhexyl)phthalate	21.20	149	71757	2.286	ng/ul#	97
85) Chrysene	21.32	228	162532	3.205	ng/ul	99
87) Di-n-octyl phthalate	22.08	149	93961	1.799	ng/ul	100
88) Benzo(b)fluoranthene	22.83	252	150879	2.970	ng/ul	97
89) Benzo(k)fluoranthene	22.88	252	157929	3.099	ng/ul	96
91) Benzo(a)pyrene	23.41	252	143181	3.110	ng/ul#	95
92) Indeno(1,2,3-cd)pyrene	25.75	276	173648	3.018	ng/ul	98
93) Dibenzo(a,h)anthracene	25.76	278	141590	2.886	ng/ul	97
94) Benzo(a,h,i)perylene	26.43	276	142285	2.944	ng/ul	95

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