

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN030921\
 Data File : BN013894.D
 Acq On : 09 Mar 2021 16:21
 Operator : CG/JU
 Sample : M1534-19
 Misc : SOM-MDL-MES-05
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MDL-ME-SOIL-05

Quant Time: Mar 09 16:50:06 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN030421MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Mar 09 09:50:00 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	148767	20.00	ng/ul	0.00
18) Naphthalene-d8	10.50	136	609243	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.35	164	358100	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.09	188	737411	20.00	ng/ul	0.00
78) Chrysene-d12	21.27	240	724029	20.00	ng/ul	0.00
86) Perylene-d12	23.49	264	731061	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.22	96	17137	4.57	ng/uL	0.00
5) Phenol-d5	6.88	99	404248	33.60	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.05	67	273467	36.82	ng/ul	0.00
9) 2-Chlorophenol-d4	7.25	132	330968	35.97	ng/ul	0.00
13) 4-Methylphenol-d8	8.42	113	306758	33.67	ng/ul	0.00
19) Nitrobenzene-d5	8.87	128	147660	36.22	ng/ul	0.00
22) 2-Nitrophenol-d4	9.59	143	143996	36.97	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.12	165	290008	34.09	ng/ul	0.00
29) 4-Chloroaniline-d4	10.63	131	418323	39.71	ng/ul	0.00
44) Dimethylphthalate-d6	13.76	166	863647	35.92	ng/ul	0.00
47) Acenaphthylene-d8	14.05	160	1118513	35.17	ng/ul	0.00
52) 4-Nitrophenol-d4	14.54	143	136578	30.28	ng/ul	0.00
58) Fluorene-d10	15.35	176	780250	36.75	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.46	200	91737	26.76	ng/ul	0.00
71) Anthracene-d10	17.19	188	1147153	35.60	ng/ul	0.00
79) Pyrene-d10	19.48	212	1226785	34.83	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.35	264	1326315	36.44	ng/ul	0.00

Target Compounds

					Ovalue
2) 1,4-Dioxane	3.25	88	3144	0.826	ng/uL# 78
4) Benzaldehyde	6.86	77	27636	4.564	ng/ul 96
6) Phenol	6.91	94	45162	3.502	ng/ul 99
8) Bis(2-Chloroethyl)ether	7.15	93	36612	3.630	ng/ul 97
10) 2-Chlorophenol	7.28	128	34381	3.508	ng/ul 97
11) 2-Methylphenol	8.15	108	28515	3.065	ng/ul 94
12) 2,2'-oxybis(1-Chloropropan	8.25	45	53913	3.501	ng/ul# 94
14) Acetophenone	8.53	105	50840	3.386	ng/ul 98
15) N-Nitroso-di-n-propylamine	8.52	70	23423	3.144	ng/ul 97
16) 4-Methylphenol	8.48	108	33780	3.347	ng/ul 97
17) Hexachloroethane	8.79	117	14502	3.488	ng/ul 96
20) Nitrobenzene	8.91	77	39992	3.586	ng/ul 99
21) Isophorone	9.43	82	57958	2.964	ng/ul 95
23) 2-Nitrophenol	9.62	139	16719	3.670	ng/ul 96
24) 2,4-Dimethylphenol	9.68	107	35454	3.304	ng/ul 96
25) Bis(2-Chloroethoxy)methane	9.92	93	44756	3.428	ng/ul 97
27) 2,4-Dichlorophenol	10.15	162	31045	3.546	ng/ul 95
28) Naphthalene	10.55	128	115800	3.666	ng/ul 99
30) 4-Chloroaniline	10.66	127	44970	4.109	ng/ul 98
31) Hexachlorobutadiene	10.83	225	19754	3.543	ng/ul 99
32) Caprolactam	11.42	113	4913	1.854	ng/ul 80
33) 4-Chloro-3-methylphenol	11.77	107	25101	2.813	ng/ul 95
34) 2-Methylnaphthalene	12.16	142	75544	3.501	ng/ul 97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

35) 1-Methylnaphthalene	12.38	142	74437	3.579	ng/ul	99
37) 1,2,4,5-Tetrachlorobenzene	12.53	216	38154	3.539	ng/ul	95
38) Hexachlorocyclopentadiene	12.52	237	18781	2.926	ng/ul	93
39) 2,4,6-Trichlorophenol	12.77	196	16744	2.691	ng/ul	94
40) 2,4,5-Trichlorophenol	12.84	196	19861	2.909	ng/ul	99
41) 1,1'-Biphenyl	13.18	154	97084	3.605	ng/ul	99
42) 2-Chloronaphthalene	13.22	162	76181	3.619	ng/ul	98
43) 2-Nitroaniline	13.42	65	13672	2.505	ng/ul	95
45) Dimethylphthalate	13.81	163	87678	3.524	ng/ul	99
46) 2,6-Dinitrotoluene	13.92	165	11546	2.589	ng/ul	86
48) Acenaphthylene	14.07	152	111514	3.617	ng/ul	100
49) 3-Nitroaniline	14.25	138	13112	2.704	ng/ul	94
50) Acenaphthene	14.42	153	80971	3.600	ng/ul	95
51) 2,4-Dinitrophenol	14.46	184	4276	1.822	ng/ul	93
53) 4-Nitrophenol	14.56	109	11841	3.259	ng/ul	90
54) Dibenzofuran	14.75	168	112587	3.631	ng/ul	100
55) 2,4-Dinitrotoluene	14.71	165	18822	2.955	ng/ul#	96
56) 2,3,4,6-Tetrachlorophenol	14.97	232	14686	2.787	ng/ul#	98
57) Diethylphthalate	15.17	149	80082	3.220	ng/ul	98
59) Fluorene	15.40	166	91068	3.609	ng/ul	98
60) 4-Chlorophenyl-phenylether	15.40	204	45638	3.770	ng/ul	98
61) 4-Nitroaniline	15.41	138	13891	2.501	ng/ul	95
64) 4,6-Dinitro-2-methylphenol	15.47	198	10547	2.921	ng/ul#	61
65) N-Nitrosodiphenylamine	15.61	169	71677	3.375	ng/ul	99
66) 4-Bromophenyl-phenylether	16.29	248	23303	3.299	ng/ul	95
67) Hexachlorobenzene	16.40	284	28906	3.426	ng/ul	94
68) Atrazine	16.56	200	17829	2.430	ng/ul	95
69) Pentachlorophenol	16.74	266	8230	1.851	ng/ul	93
70) Phenanthrene	17.13	178	143147	3.583	ng/ul	99
72) Anthracene	17.23	178	143619	3.536	ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	13.14	216	38492	3.565	ng/uL	98
74) Pentachlorobenzene	14.67	250	34982	3.439	ng/uL	96
75) Carbazole	17.49	167	114093	3.149	ng/ul	99
76) Di-n-butylphthalate	18.07	149	102348	2.524	ng/ul	100
77) Fluoranthene	19.15	202	149171	3.377	ng/ul	99
80) Pvrene	19.51	202	170742	3.662	ng/ul	100
81) Butylbenzylphthalate	20.42	149	34534	2.152	ng/ul	98
82) 3,3'-Dichlorobenzidine	21.19	252	29621	2.180	ng/ul	97
83) Benzo(a)anthracene	21.25	228	150308	3.373	ng/ul	95
84) Bis(2-ethylhexyl)phthalate	21.19	149	54098	2.014	ng/ul#	97
85) Chrysene	21.30	228	152492	3.516	ng/ul	99
87) Di-n-octyl phthalate	22.07	149	83524	1.828	ng/ul	100
88) Benzo(b)fluoranthene	22.82	252	152742	3.439	ng/ul	99
89) Benzo(k)fluoranthene	22.87	252	148114	3.324	ng/ul	99
91) Benzo(a)pyrene	23.39	252	146231	3.632	ng/ul	98
92) Indeno(1,2,3-cd)pyrene	25.72	276	169927	3.378	ng/ul	97
93) Dibenzo(a,h)anthracene	25.73	278	141004	3.287	ng/ul	99
94) Benzo(a,h,i)perylene	26.41	276	139482	3.301	ng/ul	98

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

