

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN030421\
 Data File : BN013848.D
 Acq On : 05 Mar 2021 00:20
 Operator : CG/JU
 Sample : M1534-15
 Misc : SOM-MDLMES-01
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleID :
 MDL-ME-SOIL-01

Manual Integrations
 APPROVED

mohammad
 3/5/2021 2:44:58 PM

Quant Time: Mar 05 01:10:38 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN030421MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Mar 05 00:15:11 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	148547	20.00	ng/ul	0.00
18) Naphthalene-d8	10.50	136	615556	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.36	164	365548	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.10	188	758601	20.00	ng/ul	0.00
78) Chrysene-d12	21.27	240	748258	20.00	ng/ul	0.00
86) Perylene-d12	23.50	264	770421	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.22	96	18598	4.97	ng/uL	0.00
5) Phenol-d5	6.89	99	447938	37.29	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.06	67	302842	40.84	ng/ul	0.00
9) 2-Chlorophenol-d4	7.25	132	366305	39.87	ng/ul	0.00
13) 4-Methylphenol-d8	8.42	113	343652	37.77	ng/ul	0.00
19) Nitrobenzene-d5	8.87	128	165597	40.20	ng/ul	0.00
22) 2-Nitrophenol-d4	9.59	143	160999	40.91	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.12	165	321914	37.45	ng/ul	0.00
29) 4-Chloroaniline-d4	10.63	131	473173	44.46	ng/ul	0.00
44) Dimethylphthalate-d6	13.77	166	992088	40.42	ng/ul	0.00
47) Acenaphthylene-d8	14.05	160	1269255	39.10	ng/ul	0.00
52) 4-Nitrophenol-d4	14.55	143	163573	35.53	ng/ul	0.00
58) Fluorene-d10	15.35	176	880604	40.63	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.46	200	111412	31.60	ng/ul	0.00
71) Anthracene-d10	17.20	188	1315368	39.68	ng/ul	0.00
79) Pyrene-d10	19.49	212	1451048	39.87	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.37	264	1553511	40.50	ng/ul	0.00

Target Compounds

					Ovalue
2) 1,4-Dioxane	3.26	88	4463	1.175 ng/uL#	83
4) Benzaldehyde	6.86	77	36096	5.970 ng/ul	98
6) Phenol	6.91	94	57642	4.477 ng/ul	97
8) Bis(2-Chloroethyl)ether	7.15	93	45578	4.526 ng/ul	98
10) 2-Chlorophenol	7.29	128	44678	4.565 ng/ul	97
11) 2-Methylphenol	8.16	108	37027	3.986 ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.25	45	68562	4.459 ng/ul	98
14) Acetophenone	8.53	105	67085	4.475 ng/ul	97
15) N-Nitroso-di-n-propylamine	8.52	70	30514	4.102 ng/ul	99
16) 4-Methylphenol	8.48	108	43947	4.360 ng/ul	95
17) Hexachloroethane	8.79	117	18422	4.437 ng/ul	92
20) Nitrobenzene	8.91	77	53275	4.728 ng/ul	98
21) Isophorone	9.43	82	77848	3.940 ng/ul	98
23) 2-Nitrophenol	9.62	139	21517	4.674 ng/ul	98
24) 2,4-Dimethylphenol	9.68	107	46241	4.265 ng/ul	93
25) Bis(2-Chloroethoxy)methane	9.92	93	57323	4.346 ng/ul	99
27) 2,4-Dichlorophenol	10.15	162	40401	4.567 ng/ul	96
28) Naphthalene	10.55	128	148817	4.663 ng/ul	97
30) 4-Chloroaniline	10.66	127	57659	5.214 ng/ul	97
31) Hexachlorobutadiene	10.84	225	25264	4.485 ng/ul	96
32) Caprolactam	11.43	113	7539m	2.816 ng/ul	
33) 4-Chloro-3-methylphenol	11.78	107	35200	3.905 ng/ul	97
34) 2-Methylnaphthalene	12.17	142	96791	4.440 ng/ul	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.39	142	95467	4.543	ng/ul	100
37) 1,2,4,5-Tetrachlorobenzene	12.53	216	49315	4.481	ng/ul	97
38) Hexachlorocyclopentadiene	12.52	237	24592	3.753	ng/ul	95
39) 2,4,6-Trichlorophenol	12.78	196	22318	3.513	ng/ul	96
40) 2,4,5-Trichlorophenol	12.85	196	27243	3.909	ng/ul	99
41) 1,1'-Biphenyl	13.19	154	126679	4.609	ng/ul	100
42) 2-Chloronaphthalene	13.22	162	97286	4.527	ng/ul	99
43) 2-Nitroaniline	13.43	65	18524	3.325	ng/ul	97
45) Dimethylphthalate	13.82	163	119523	4.706	ng/ul	98
46) 2,6-Dinitrotoluene	13.93	165	16491	3.623	ng/ul	92
48) Acenaphthylene	14.07	152	147756	4.695	ng/ul	100
49) 3-Nitroaniline	14.26	138	18768	3.792	ng/ul	97
50) Acenaphthene	14.42	153	105258	4.584	ng/ul	96
51) 2,4-Dinitrophenol	14.46	184	5792	2.417	ng/ul	97
53) 4-Nitrophenol	14.56	109	16277	4.388	ng/ul	87
54) Dibenzofuran	14.76	168	147869	4.672	ng/ul	99
55) 2,4-Dinitrotoluene	14.72	165	26237	4.035	ng/ul#	98
56) 2,3,4,6-Tetrachlorophenol	14.98	232	20227	3.760	ng/ul	97
57) Diethylphthalate	15.19	149	108329	4.268	ng/ul	98
59) Fluorene	15.40	166	120643	4.684	ng/ul	97
60) 4-Chlorophenyl-phenylether	15.40	204	58026	4.696	ng/ul	92
61) 4-Nitroaniline	15.42	138	20110	3.547	ng/ul	95
64) 4,6-Dinitro-2-methylphenol	15.47	198	14981	4.033	ng/ul#	72
65) N-Nitrosodiphenylamine	15.62	169	97083	4.444	ng/ul	99
66) 4-Bromophenyl-phenylether	16.30	248	32030	4.408	ng/ul	98
67) Hexachlorobenzene	16.40	284	38036	4.382	ng/ul	95
68) Atrazine	16.56	200	25502	3.378	ng/ul#	91
69) Pentachlorophenol	16.75	266	12912	2.823	ng/ul	96
70) Phenanthrene	17.14	178	187026	4.550	ng/ul	97
72) Anthracene	17.23	178	192705	4.612	ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	13.15	216	49617	4.466	ng/uL	97
74) Pentachlorobenzene	14.67	250	45690	4.366	ng/uL	95
75) Carbazole	17.50	167	155890	4.182	ng/ul	99
76) Di-n-butylphthalate	18.07	149	146793	3.519	ng/ul	99
77) Fluoranthene	19.16	202	196469	4.323	ng/ul	98
80) Pvrene	19.52	202	223684	4.643	ng/ul	98
81) Butylbenzylphthalate	20.43	149	49875	3.007	ng/ul	97
82) 3,3'-Dichlorobenzidine	21.20	252	49594	3.532	ng/ul	98
83) Benzo(a)anthracene	21.26	228	208393	4.525	ng/ul	98
84) Bis(2-ethylhexyl)phthalate	21.20	149	93925	3.384	ng/ul	96
85) Chrysene	21.31	228	209572	4.675	ng/ul	97
87) Di-n-octyl phthalate	22.08	149	130602	2.713	ng/ul	100
88) Benzo(b)fluoranthene	22.83	252	202638	4.329	ng/ul	98
89) Benzo(k)fluoranthene	22.87	252	198840	4.235	ng/ul	98
91) Benzo(a)pyrene	23.40	252	193566	4.563	ng/ul	96
92) Indeno(1,2,3-cd)pyrene	25.74	276	221883	4.185	ng/ul	94
93) Dibenzo(a,h)anthracene	25.76	278	189802	4.199	ng/ul	98
94) Benzo(a,h,i)perylene	26.43	276	183668	4.125	ng/ul	95

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

