

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM072820\
 Data File : BM026884.D
 Acq On : 28 Jul 2020 10:31
 Operator : JU/CG
 Sample : L1955-18
 Misc : MDL-SOIL-ME-04
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleID :
 MDL-ME-SOIL-04

Manual Integrations
 APPROVED

mohammad
 7/30/2020 3:32:15 PM

Quant Time: Jul 28 11:20:01 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM072720MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jul 28 10:40:31 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	50278	20.00	ng/ul	0.00
18) Naphthalene-d8	10.45	136	194557	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.31	164	126073	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.05	188	264581	20.00	ng/ul	0.00
78) Chrysene-d12	21.24	240	279734	20.00	ng/ul	0.00
86) Perylene-d12	23.46	264	290146	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.23	96	8157	7.40	ng/uL	0.00
5) Phenol-d5	6.84	99	127164	28.87	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.01	67	93702	31.43	ng/ul	0.00
9) 2-Chlorophenol-d4	7.21	132	98819	29.97	ng/ul	0.00
13) 4-Methylphenol-d8	8.37	113	101120	29.84	ng/ul	0.00
19) Nitrobenzene-d5	8.81	128	46504	30.73	ng/ul	0.00
22) 2-Nitrophenol-d4	9.53	143	40613	29.28	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.07	165	96715	29.20	ng/ul	0.00
29) 4-Chloroaniline-d4	10.58	131	121574	30.79	ng/ul	0.00
44) Dimethylphthalate-d6	13.72	166	308016	31.16	ng/ul	0.00
47) Acenaphthylene-d8	13.99	160	394664	31.38	ng/ul	0.00
52) 4-Nitrophenol-d4	14.49	143	44363	26.53	ng/ul	0.00
58) Fluorene-d10	15.30	176	271348	31.55	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.41	200	30298	25.69	ng/ul	0.00
71) Anthracene-d10	17.15	188	420818	31.82	ng/ul	0.00
79) Pyrene-d10	19.45	212	455816	30.55	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.32	264	477059	29.14	ng/ul	0.00

Target Compounds

					Ovalue	
2) 1,4-Dioxane	3.25	88	6405	4.676	ng/uL	95
4) Benzaldehyde	6.81	77	18202	5.072	ng/ul	93
6) Phenol	6.87	94	34576	7.336	ng/ul#	92
8) Bis(2-Chloroethyl)ether	7.10	93	28381	7.609	ng/ul	93
10) 2-Chlorophenol	7.24	128	24854	7.263	ng/ul	98
11) 2-Methylphenol	8.11	108	22672	6.723	ng/ul	91
12) 2,2'-oxybis(1-Chloropropan	8.21	45	22003	6.662	ng/ul#	91
14) Acetophenone	8.48	105	43297	7.700	ng/ul#	96
15) N-Nitroso-di-n-propylamine	8.48	70	24916	7.336	ng/ul	97
16) 4-Methylphenol	8.43	108	25329	7.048	ng/ul	88
17) Hexachloroethane	8.75	117	13293	8.150	ng/ul	95
20) Nitrobenzene	8.85	77	39224	8.001	ng/ul	97
21) Isophorone	9.38	82	60191	6.964	ng/ul	98
23) 2-Nitrophenol	9.57	139	11667	7.372	ng/ul	94
24) 2,4-Dimethylphenol	9.63	107	30274	7.323	ng/ul	97
25) Bis(2-Chloroethoxy)methane	9.87	93	35239	7.318	ng/ul	98
27) 2,4-Dichlorophenol	10.10	162	24219	7.507	ng/ul	98
28) Naphthalene	10.50	128	82268	7.569	ng/ul	97
30) 4-Chloroaniline	10.60	127	27619	6.935	ng/ul	96
31) Hexachlorobutadiene	10.80	225	19011	8.345	ng/ul	98
32) Caprolactam	11.36	113	5424m	5.384	ng/ul	
33) 4-Chloro-3-methylphenol	11.73	107	24175	6.721	ng/ul	96
34) 2-Methylnaphthalene	12.11	142	59104	7.691	ng/ul	97

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35) 1-Methylnaphthalene	12.34	142	56158	7.479	ng/ul	96
37) 1,2,4,5-Tetrachlorobenzene	12.49	216	31947	7.414	ng/ul	96
38) Hexachlorocyclopentadiene	12.48	237	20373	6.973	ng/ul	96
39) 2,4,6-Trichlorophenol	12.73	196	15400	6.237	ng/ul	97
40) 2,4,5-Trichlorophenol	12.80	196	17707	6.711	ng/ul	99
41) 1,1'-Biphenyl	13.14	154	77892	7.394	ng/ul	99
42) 2-Chloronaphthalene	13.17	162	63089	7.442	ng/ul	95
43) 2-Nitroaniline	13.37	65	16356	6.488	ng/ul	96
45) Dimethylphthalate	13.77	163	77572	7.477	ng/ul	99
46) 2,6-Dinitrotoluene	13.87	165	12108	6.619	ng/ul#	76
48) Acenaphthylene	14.02	152	95350	7.460	ng/ul	99
49) 3-Nitroaniline	14.19	138	9225	5.160	ng/ul	95
50) Acenaphthene	14.37	153	66681	7.572	ng/ul	96
51) 2,4-Dinitrophenol	14.40	184	3682	5.027	ng/ul	94
53) 4-Nitrophenol	14.51	109	13868	8.279	ng/ul#	86
54) Dibenzofuran	14.71	168	96103	7.873	ng/ul	100
55) 2,4-Dinitrotoluene	14.66	165	17699	6.735	ng/ul	89
56) 2,3,4,6-Tetrachlorophenol	14.94	232	13805	6.669	ng/ul#	96
57) Diethylphthalate	15.14	149	77118	7.413	ng/ul	97
59) Fluorene	15.36	166	77791	7.568	ng/ul	99
60) 4-Chlorophenyl-phenylether	15.36	204	41073	8.029	ng/ul	98
61) 4-Nitroaniline	15.36	138	11398	5.201	ng/ul	97
64) 4,6-Dinitro-2-methylphenol	15.42	198	8827	6.586	ng/ul#	89
65) N-Nitrosodiphenylamine	15.57	169	62745	7.249	ng/ul	97
66) 4-Bromophenyl-phenylether	16.25	248	23226	7.483	ng/ul	98
67) Hexachlorobenzene	16.37	284	28794	8.180	ng/ul	95
68) Atrazine	16.52	200	20695	6.514	ng/ul	95
69) Pentachlorophenol	16.70	266	9759	5.572	ng/ul	93
70) Phenanthrene	17.09	178	124235	7.735	ng/ul	98
72) Anthracene	17.18	178	126037	7.635	ng/ul	98
73) 1,2,3,4-Tetrachlorobenzene	13.10	216	30601	7.362	ng/uL	96
74) Pentachlorobenzene	14.63	250	31947	7.927	ng/uL	97
75) Carbazole	17.45	167	104475	7.160	ng/ul	99
76) Di-n-butylphthalate	18.04	149	110597	6.443	ng/ul#	98
77) Fluoranthene	19.11	202	134516	7.094	ng/ul	98
80) Pvrene	19.47	202	147741	7.259	ng/ul	98
81) Butylbenzylphthalate	20.40	149	40060	5.294	ng/ul	99
82) 3,3'-Dichlorobenzidine	21.17	252	31169	4.713	ng/ul	97
83) Benzo(a)anthracene	21.23	228	142564	7.394	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.19	149	63682	5.613	ng/ul#	98
85) Chrysene	21.28	228	142093	7.557	ng/ul	98
87) Di-n-octyl phthalate	22.07	149	97473	4.572	ng/ul	100
88) Benzo(b)fluoranthene	22.79	252	141281	6.807	ng/ul	98
89) Benzo(k)fluoranthene	22.84	252	144300	7.245	ng/ul	99
91) Benzo(a)pyrene	23.36	252	136085	7.266	ng/ul	96
92) Indeno(1,2,3-cd)pyrene	25.68	276	167226	7.197	ng/ul	96
93) Dibenzo(a,h)anthracene	25.69	278	143327	7.294	ng/ul	99
94) Benzo(a,h,i)perylene	26.34	276	140027	7.288	ng/ul	97

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

