

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM071420\
 Data File : BM026764.D
 Acq On : 14 Jul 2020 22:39
 Operator : JU/CG
 Sample : L1955-17
 Misc : MDL-SOIL-ME-03
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 MDL-ME-SOIL-03

Manual Integrations
 APPROVED

Quant Time: Jul 15 01:28:05 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM063020MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jul 15 00:28:45 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.31	152	69734	20.00	ng/ul	0.00
18) Naphthalene-d8	10.06	136	273629	20.00	ng/ul	0.00
36) Acenaphthene-d10	13.97	164	163944	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.73	188	327886	20.00	ng/ul	0.00
78) Chrysene-d12	20.95	240	325562	20.00	ng/ul	0.00
86) Perylene-d12	23.02	264	388228	20.00	ng/ul	0.00

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System Monitoring Compounds

3) 1,4-Dioxane-d8	2.91	96	3811	1.64	ng/uL	0.00
5) Phenol-d5	6.52	99	177133	27.73	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.67	67	123381	28.57	ng/ul	0.00
9) 2-Chlorophenol-d4	6.85	132	139017	28.33	ng/ul	0.00
13) 4-Methylphenol-d8	8.04	113	135281	26.49	ng/ul	0.00
19) Nitrobenzene-d5	8.45	128	64750	29.92	ng/ul	0.00
22) 2-Nitrophenol-d4	9.17	143	69722	30.21	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.71	165	128552	28.45	ng/ul	0.00
29) 4-Chloroaniline-d4	10.22	131	171741	36.10	ng/ul	0.00
44) Dimethylphthalate-d6	13.40	166	384235	29.38	ng/ul	0.00
47) Acenaphthylene-d8	13.65	160	466280	29.51	ng/ul	0.00
52) 4-Nitrophenol-d4	14.24	143	43239	22.91	ng/ul	0.00
58) Fluorene-d10	14.98	176	322183	28.14	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.13	200	55796	27.24	ng/ul	0.00
71) Anthracene-d10	16.83	188	483816	29.96	ng/ul	0.00
79) Pyrene-d10	19.14	212	533211	31.52	ng/ul	0.00
90) Benzo(a)pyrene-d12	22.89	264	583302	27.84	ng/ul	0.00

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Target Compounds

					Ovalue
2) 1,4-Dioxane	2.94	88	3856	1.535	ng/uL 99
4) Benzaldehyde	6.48	77	11220	3.308	ng/ul 90
6) Phenol	6.55	94	25435	3.623	ng/ul# 89
8) Bis(2-Chloroethyl)ether	6.76	93	20348	3.806	ng/ul 95
10) 2-Chlorophenol	6.88	128	19468	3.599	ng/ul 95
11) 2-Methylphenol	7.78	108	15828	3.155	ng/ul 99
12) 2,2'-oxybis(1-Chloropropan	7.84	45	39971	3.854	ng/ul 100
14) Acetophenone	8.13	105	30116	3.480	ng/ul 91
15) N-Nitroso-di-n-propylamine	8.12	70	17589	3.440	ng/ul 96
16) 4-Methylphenol	8.11	108	19454	3.489	ng/ul 94
17) Hexachloroethane	8.35	117	9032	3.768	ng/ul 90
20) Nitrobenzene	8.50	77	27031	3.961	ng/ul 93
21) Isophorone	9.02	82	42046	3.665	ng/ul 98
23) 2-Nitrophenol	9.20	139	10005	3.748	ng/ul# 89
24) 2,4-Dimethylphenol	9.28	107	21717	3.532	ng/ul 94
25) Bis(2-Chloroethoxy)methane	9.51	93	25552	3.746	ng/ul 99
27) 2,4-Dichlorophenol	9.74	162	17739	3.799	ng/ul 92
28) Naphthalene	10.11	128	61728	3.811	ng/ul 99
30) 4-Chloroaniline	10.24	127	23255	4.600	ng/ul 99
31) Hexachlorobutadiene	10.40	225	13074	3.864	ng/ul 92
32) Caprolactam	11.07	113	3641m	2.824	ng/ul
33) 4-Chloro-3-methylphenol	11.40	107	16496	3.105	ng/ul 98
34) 2-Methylnaphthalene	11.74	142	39853	3.512	ng/ul 95

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

35) 1-Methylnaphthalene	11.97	142	38579	3.648	ng/ul	99
37) 1,2,4,5-Tetrachlorobenzene	12.13	216	22143	3.716	ng/ul	98
38) Hexachlorocyclopentadiene	12.10	237	3606	1.186	ng/ul#	87
39) 2,4,6-Trichlorophenol	12.40	196	12177	3.462	ng/ul	96
40) 2,4,5-Trichlorophenol	12.48	196	12552	3.263	ng/ul	92
41) 1,1'-Biphenyl	12.79	154	51574	3.634	ng/ul	96 mohammad
42) 2-Chloronaphthalene	12.82	162	40093	3.589	ng/ul	97
43) 2-Nitroaniline	13.07	65	11235	2.992	ng/ul	91
45) Dimethylphthalate	13.45	163	51230	3.743	ng/ul	99
46) 2,6-Dinitrotoluene	13.57	165	8343	3.154	ng/ul	94
48) Acenaphthylene	13.68	152	61041	3.607	ng/ul	98 7/15/2020 10:58:56 AM
49) 3-Nitroaniline	13.92	138	6424	2.921	ng/ul#	82
50) Acenaphthene	14.04	153	43029	3.597	ng/ul	97
51) 2,4-Dinitrophenol	14.14	184	3153	2.294	ng/ul	100
53) 4-Nitrophenol	14.25	109	8698m	4.478	ng/ul	
54) Dibenzofuran	14.38	168	61566	3.627	ng/ul	97
55) 2,4-Dinitrotoluene	14.38	165	13189	3.352	ng/ul#	72
56) 2,3,4,6-Tetrachlorophenol	14.62	232	11604	3.504	ng/ul	92
57) Diethylphthalate	14.84	149	51162	3.719	ng/ul	100
59) Fluorene	15.03	166	48884	3.525	ng/ul	97
60) 4-Chlorophenyl-phenylether	15.04	204	26836	3.723	ng/ul	96
61) 4-Nitroaniline	15.09	138	5698m	2.291	ng/ul	
64) 4,6-Dinitro-2-methylphenol	15.15	198	8343	3.845	ng/ul#	85
65) N-Nitrosodiphenylamine	15.26	169	40748	3.717	ng/ul	99
66) 4-Bromophenyl-phenylether	15.94	248	15761	3.987	ng/ul	99
67) Hexachlorobenzene	16.04	284	17259	3.832	ng/ul	93
68) Atrazine	16.23	200	14074	3.940	ng/ul	98
69) Pentachlorophenol	16.41	266	6633m	2.986	ng/ul	
70) Phenanthrene	16.77	178	77828	3.812	ng/ul	98
72) Anthracene	16.87	178	79537	3.861	ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	12.75	216	22777	4.029	ng/uL	91
74) Pentachlorobenzene	14.30	250	22267	4.112	ng/uL	99
75) Carbazole	17.15	167	59655	3.617	ng/ul	97
76) Di-n-butylphthalate	17.73	149	72199	3.618	ng/ul	99
77) Fluoranthene	18.81	202	84805	4.015	ng/ul#	97
80) Pvrene	19.17	202	92256	3.999	ng/ul	98
81) Butylbenzylphthalate	20.11	149	31564	3.856	ng/ul	99
82) 3,3'-Dichlorobenzidine	20.89	252	19945	3.039	ng/ul	96
83) Benzo(a)anthracene	20.94	228	92073	4.108	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	20.90	149	44224	3.628	ng/ul	97
85) Chrysene	20.99	228	86628	3.896	ng/ul	99
87) Di-n-octyl phthalate	21.75	149	76530	3.199	ng/ul	100
88) Benzo(b)fluoranthene	22.42	252	92816	3.520	ng/ul	97
89) Benzo(k)fluoranthene	22.45	252	93254	3.568	ng/ul	98
91) Benzo(a)pyrene	22.93	252	95235	4.071	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.01	276	108358	3.549	ng/ul	97
93) Dibenzo(a,h)anthracene	25.02	278	90736	3.528	ng/ul	98
94) Benzo(a,h,i)perylene	25.62	276	92056	3.615	ng/ul	97

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

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