

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM100721\
 Data File : BM032353.D
 Acq On : 07 Oct 2021 12:22
 Operator : CG/JU
 Sample : M3263-06
 Misc : SFAM-MDL-ME-SOIL-02
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 MDL-MED-SOIL-QT4-2021-08

Quant Time: Oct 07 12:54:05 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM100521.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Oct 07 09:34:26 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.619	152	284884	20.00	ng/ul	0.00
20) Naphthalene-d8	10.413	136	1223199	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.266	164	801188	20.00	ng/ul	0.00
64) Phenanthrene-d10	16.995	188	1652916	20.00	ng/ul	0.00
79) Chrysene-d12	21.159	240	1642253	20.00	ng/ul	0.00
88) Perylene-d12	23.300	264	1635717	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.961	96	35923	5.06	ng/uL	0.00
4) Pyridine-d5	3.384	84	396533	19.75	ng/ul	0.00
7) Phenol-d5	6.807	99	661705	27.31	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.949	67	406477	29.22	ng/ul	0.00
11) 2-Chlorophenol-d4	7.160	132	531078	28.71	ng/ul	0.00
15) 4-Methylphenol-d8	8.348	113	527971	26.98	ng/ul	0.00
21) Nitrobenzene-d5	8.772	128	246746	28.59	ng/ul	0.00
24) 2-Nitrophenol-d4	9.495	143	264574	28.44	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.043	165	507899	27.43	ng/ul	0.00
31) 4-Chloroaniline-d4	10.542	131	722789	26.46	ng/ul	0.00
46) Dimethylphthalate-d6	13.672	166	1584693	28.58	ng/ul	0.00
49) Acenaphthylene-d8	13.960	160	1817231	26.98	ng/ul	0.00
54) 4-Nitrophenol-d4	14.472	143	284975	26.17	ng/ul	0.00
60) Fluorene-d10	15.254	176	1353272	28.78	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.372	200	223385	23.71	ng/ul	0.00
73) Anthracene-d10	17.089	188	2042088	28.38	ng/ul	0.00
81) Pyrene-d10	19.377	212	2340061	28.32	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.171	264	2496744	30.48	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.002	88	7756	1.00	ng/uL	92
5) Pyridine	3.408	79	76111	3.83	ng/ul#	76
6) Benzaldehyde	6.749	77	51328	4.50	ng/ul	100
8) Phenol	6.831	94	89112	3.63	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.037	93	73878	3.83	ng/ul	96
12) 2-Chlorophenol	7.190	128	72123	3.77	ng/ul	98
13) 2-Methylphenol	8.084	108	61133	3.25	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.154	45	90747	3.79	ng/ul	97
16) Acetophenone	8.437	105	108189	3.77	ng/ul	97
17) N-Nitroso-di-n-propyla...	8.425	70	50354	3.56	ng/ul	98
18) 4-Methylphenol	8.407	108	71904	3.65	ng/ul	99
19) Hexachloroethane	8.707	117	27436	3.61	ng/ul	99
22) Nitrobenzene	8.813	77	76068	3.71	ng/ul	99
23) Isophorone	9.337	82	132427	3.35	ng/ul	99
25) 2-Nitrophenol	9.531	139	36300	3.57	ng/ul	98
26) 2,4-Dimethylphenol	9.601	107	73052	3.36	ng/ul	96
27) Bis(2-Chloroethoxy)met...	9.819	93	93481	3.57	ng/ul	99
29) 2,4-Dichlorophenol	10.066	162	68477	3.76	ng/ul	93
30) Naphthalene	10.460	128	241909	3.86	ng/ul	100
32) 4-Chloroaniline	10.566	127	97563	3.56	ng/ul	99
33) Hexachlorobutadiene	10.766	225	43547	3.70	ng/ul	95
34) Caprolactam	11.289	113	30017	4.57	ng/ul	99
35) 4-Chloro-3-methylphenol	11.707	107	64924	3.24	ng/ul	96
36) 2-Methylnaphthalene	12.072	142	161320	3.78	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.295	142	158962	3.66	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.460	216	84987	3.85	ng/ul	97
40) Hexachlorocyclopentadiene	12.448	237	52832	4.10	ng/ul	98
41) 2,4,6-Trichlorophenol	12.701	196	46148	3.26	ng/ul	98
42) 2,4,5-Trichlorophenol	12.766	196	50630	3.26	ng/ul	97
43) 1,1'-Biphenyl	13.095	154	220858	3.84	ng/ul	100
44) 2-Chloronaphthalene	13.136	162	162802	3.72	ng/ul	99
45) 2-Nitroaniline	13.336	65	32483	2.78	ng/ul	99
47) Dimethylphthalate	13.713	163	208681	3.76	ng/ul	99
48) 2,6-Dinitrotoluene	13.831	165	28302	2.73	ng/ul	93
50) Acenaphthylene	13.983	152	260395	3.65	ng/ul	98
51) 3-Nitroaniline	14.160	138	29053	2.69	ng/ul#	93
52) Acenaphthene	14.330	153	182481	3.88	ng/ul	99
53) 2,4-Dinitrophenol	14.366	184	25082	3.77	ng/ul	91
55) 4-Nitrophenol	14.483	109	30557	3.48	ng/ul	87
56) Dibenzofuran	14.666	168	264585	3.88	ng/ul	97
57) 2,4-Dinitrotoluene	14.619	165	46427	3.04	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	14.901	232	42344	3.36	ng/ul	98
59) Diethylphthalate	15.083	149	193729	3.50	ng/ul	99
61) Fluorene	15.313	166	213020	4.06	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.301	204	106036	4.01	ng/ul	99
63) 4-Nitroaniline	15.319	138	30673	3.07	ng/ul	96
66) 4,6-Dinitro-2-methylph...	15.383	198	29979	3.24	ng/ul#	75
67) N-Nitrosodiphenylamine	15.513	169	170933	3.71	ng/ul	100
68) 4-Bromophenyl-phenylether	16.189	248	56965	3.58	ng/ul	97
69) Hexachlorobenzene	16.324	284	69416	3.78	ng/ul	98
70) Atrazine	16.454	200	69509	3.99	ng/ul	96
71) Pentachlorophenol	16.660	266	46377	4.19	ng/ul	100
72) Phenanthrene	17.036	178	339481	3.98	ng/ul	100
74) Anthracene	17.124	178	333735	3.89	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.066	216	84325	3.63	ng/uL	99
76) Pentachlorobenzene	14.595	250	85968	3.73	ng/uL	98
77) Carbazole	17.389	167	280525	3.67	ng/ul	99
78) Di-n-butylphthalate	17.948	149	296245	3.35	ng/ul	99
80) Fluoranthene	19.042	202	384262	3.77	ng/ul	99
82) Pyrene	19.407	202	416647	3.98	ng/ul	99
83) Butylbenzylphthalate	20.295	149	118457	2.98	ng/ul	94
84) 3,3'-Dichlorobenzidine	21.077	252	104165	3.50	ng/ul	98
85) Benzo(a)anthracene	21.142	228	376702	3.80	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.065	149	178217	3.23	ng/ul	99
87) Chrysene	21.195	228	386832	3.97	ng/ul	100
89) Di-n-octyl phthalate	21.912	149	279398	3.00	ng/ul	100
90) Benzo(b)fluoranthene	22.665	252	389614	3.92	ng/ul	100
91) Benzo(k)fluoranthene	22.701	252	375534	4.16	ng/ul	98
93) Benzo(a)pyrene	23.206	252	345164	3.67	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	25.418	276	394425	3.79	ng/ul	97
95) Dibenzo(a,h)anthracene	25.424	278	337452	3.78	ng/ul	99
96) Benzo(g,h,i)perylene	26.065	276	330193	3.63	ng/ul	99

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

