

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM100621\
 Data File : BM032342.D
 Acq On : 06 Oct 2021 14:34
 Operator : CG/JU
 Sample : M3263-05
 Misc : SFAM-MDL-ME-SOIL-01
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 MDL-MED-SOIL-QT4-2021-07

Quant Time: Oct 06 15:04:52 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM100521.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Oct 06 10:06:22 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.625	152	269873	20.00	ng/ul	0.00
20) Naphthalene-d8	10.413	136	1178749	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.272	164	773865	20.00	ng/ul	0.00
64) Phenanthrene-d10	16.995	188	1623994	20.00	ng/ul	0.00
79) Chrysene-d12	21.159	240	1587303	20.00	ng/ul	0.00
88) Perylene-d12	23.306	264	1538786	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.961	96	35029	5.20	ng/uL	0.00
4) Pyridine-d5	3.390	84	370751	19.50	ng/ul	0.00
7) Phenol-d5	6.807	99	624200	27.20	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.949	67	388792	29.51	ng/ul	0.00
11) 2-Chlorophenol-d4	7.160	132	504614	28.80	ng/ul	0.00
15) 4-Methylphenol-d8	8.349	113	504035	27.19	ng/ul	0.00
21) Nitrobenzene-d5	8.778	128	236836	28.48	ng/ul	0.00
24) 2-Nitrophenol-d4	9.501	143	256778	28.64	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.043	165	489797	27.45	ng/ul	0.00
31) 4-Chloroaniline-d4	10.548	131	696323	26.45	ng/ul	0.00
46) Dimethylphthalate-d6	13.672	166	1556188	29.06	ng/ul	0.00
49) Acenaphthylene-d8	13.960	160	1763890	27.11	ng/ul	0.00
54) 4-Nitrophenol-d4	14.472	143	277372	26.37	ng/ul	0.00
60) Fluorene-d10	15.260	176	1323232	29.13	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.372	200	219354	23.70	ng/ul	0.00
73) Anthracene-d10	17.095	188	1998346	28.27	ng/ul	0.00
81) Pyrene-d10	19.377	212	2285240	28.62	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.171	264	2360581	30.63	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.002	88	7734	1.06	ng/uL#	95
5) Pyridine	3.408	79	70858	3.77	ng/ul#	70
6) Benzaldehyde	6.749	77	48287	4.47	ng/ul	98
8) Phenol	6.837	94	84503	3.63	ng/ul	97
10) Bis(2-Chloroethyl)ether	7.043	93	69834	3.82	ng/ul	97
12) 2-Chlorophenol	7.190	128	67495	3.73	ng/ul	96
13) 2-Methylphenol	8.084	108	58253	3.27	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.160	45	86559	3.82	ng/ul	97
16) Acetophenone	8.443	105	103123	3.80	ng/ul	97
17) N-Nitroso-di-n-propyla...	8.431	70	49926	3.72	ng/ul	98
18) 4-Methylphenol	8.407	108	69480	3.72	ng/ul	99
19) Hexachloroethane	8.713	117	26517	3.68	ng/ul	99
22) Nitrobenzene	8.819	77	73175	3.71	ng/ul	97
23) Isophorone	9.337	82	126488	3.32	ng/ul	99
25) 2-Nitrophenol	9.531	139	35193	3.59	ng/ul	96
26) 2,4-Dimethylphenol	9.601	107	69567	3.32	ng/ul	97
27) Bis(2-Chloroethoxy)met...	9.825	93	93264	3.69	ng/ul	98
29) 2,4-Dichlorophenol	10.066	162	63620	3.62	ng/ul	91
30) Naphthalene	10.460	128	232095	3.84	ng/ul	99
32) 4-Chloroaniline	10.566	127	93342	3.53	ng/ul	99
33) Hexachlorobutadiene	10.772	225	42260	3.73	ng/ul	97
34) Caprolactam	11.290	113	28502	4.50	ng/ul	81
35) 4-Chloro-3-methylphenol	11.707	107	63420	3.28	ng/ul	99
36) 2-Methylnaphthalene	12.078	142	154585	3.76	ng/ul	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.301	142	157845	3.77	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.460	216	83540	3.91	ng/ul	99
40) Hexachlorocyclopentadiene	12.454	237	53362	4.29	ng/ul	98
41) 2,4,6-Trichlorophenol	12.701	196	44506	3.26	ng/ul	98
42) 2,4,5-Trichlorophenol	12.772	196	47294	3.15	ng/ul	98
43) 1,1'-Biphenyl	13.095	154	213322	3.84	ng/ul	100
44) 2-Chloronaphthalene	13.136	162	158777	3.75	ng/ul	99
45) 2-Nitroaniline	13.336	65	31083	2.75	ng/ul	97
47) Dimethylphthalate	13.719	163	202016	3.77	ng/ul	100
48) 2,6-Dinitrotoluene	13.831	165	27805	2.78	ng/ul#	87
50) Acenaphthylene	13.989	152	254255	3.69	ng/ul	99
51) 3-Nitroaniline	14.166	138	29411	2.81	ng/ul#	94
52) Acenaphthene	14.331	153	178115	3.92	ng/ul	99
53) 2,4-Dinitrophenol	14.366	184	24503	3.81	ng/ul	90
55) 4-Nitrophenol	14.483	109	30016	3.54	ng/ul	91
56) Dibenzofuran	14.666	168	255192	3.87	ng/ul	99
57) 2,4-Dinitrotoluene	14.619	165	45426	3.07	ng/ul#	95
58) 2,3,4,6-Tetrachlorophenol	14.901	232	41364	3.40	ng/ul	97
59) Diethylphthalate	15.083	149	191471	3.58	ng/ul	99
61) Fluorene	15.313	166	208911	4.13	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.307	204	103960	4.07	ng/ul	96
63) 4-Nitroaniline	15.325	138	30277	3.13	ng/ul	96
66) 4,6-Dinitro-2-methylph...	15.383	198	29780	3.27	ng/ul#	67
67) N-Nitrosodiphenylamine	15.519	169	169181	3.73	ng/ul	97
68) 4-Bromophenyl-phenylether	16.195	248	56815	3.63	ng/ul	97
69) Hexachlorobenzene	16.325	284	68980	3.83	ng/ul	97
70) Atrazine	16.454	200	69274	4.05	ng/ul	99
71) Pentachlorophenol	16.666	266	45930	4.23	ng/ul	96
72) Phenanthrene	17.036	178	331412	3.95	ng/ul	100
74) Anthracene	17.124	178	322493	3.83	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.072	216	81910	3.59	ng/uL	97
76) Pentachlorobenzene	14.601	250	85288	3.77	ng/uL	94
77) Carbazole	17.389	167	280117	3.73	ng/ul	99
78) Di-n-butylphthalate	17.948	149	297740	3.43	ng/ul	99
80) Fluoranthene	19.042	202	374554	3.80	ng/ul	99
82) Pyrene	19.407	202	407847	4.03	ng/ul	99
83) Butylbenzylphthalate	20.295	149	118431	3.08	ng/ul	94
84) 3,3'-Dichlorobenzidine	21.077	252	100014	3.47	ng/ul	99
85) Benzo(a)anthracene	21.142	228	364767	3.81	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.071	149	175613	3.29	ng/ul	99
87) Chrysene	21.195	228	372054	3.95	ng/ul	99
89) Di-n-octyl phthalate	21.912	149	276822	3.16	ng/ul	100
90) Benzo(b)fluoranthene	22.665	252	370392	3.96	ng/ul	100
91) Benzo(k)fluoranthene	22.706	252	359751	4.24	ng/ul	99
93) Benzo(a)pyrene	23.212	252	337004	3.80	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	25.418	276	369726	3.78	ng/ul	99
95) Dibenzo(a,h)anthracene	25.424	278	317397	3.78	ng/ul	99
96) Benzo(g,h,i)perylene	26.071	276	311662	3.64	ng/ul	100

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

