

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM030123\
 Data File : BM038824.D
 Acq On : 01 Mar 2023 12:14
 Operator : CG/JU
 Sample : 01378-05
 Misc : SFAM--MDL-ME-SOIL-01
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 MDL-MED-SOIL-QT1-2023-01

Quant Time: Mar 01 14:01:15 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM022823.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Mar 01 02:09:21 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 03/02/2023
 Supervised By :Jagrut Upadhyay 03/03/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.010	152	220613	20.000	ng/u1	0.00
20) Naphthalene-d8	10.828	136	995623	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.645	164	630588	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.386	188	1379829	20.000	ng/u1	0.00
79) Chrysene-d12	21.568	240	1385980	20.000	ng/u1	0.00
88) Perylene-d12	24.021	264	1591085	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.381	96	29073m	4.921	ng/uL	0.00
4) Pyridine-d5	3.805	84	240170	14.785	ng/u1	0.00
7) Phenol-d5	7.157	99	376260	18.192	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.334	67	248540	18.807	ng/u1	0.00
11) 2-Chlorophenol-d4	7.534	132	294436	19.104	ng/u1	0.00
15) 4-Methylphenol-d8	8.716	113	286745	17.598	ng/u1	0.00
21) Nitrobenzene-d5	9.175	128	133275	19.068	ng/u1	0.00
24) 2-Nitrophenol-d4	9.904	143	125454	19.155	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.439	165	273730	17.986	ng/u1	0.00
31) 4-Chloroaniline-d4	10.957	131	439254	17.316	ng/u1	0.00
46) Dimethylphthalate-d6	14.057	166	920920	18.856	ng/u1	0.00
49) Acenaphthylene-d8	14.339	160	1057261	18.521	ng/u1	0.00
54) 4-Nitrophenol-d4	14.821	143	152719	15.620	ng/u1	0.00
60) Fluorene-d10	15.633	176	815197	18.925	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.745	200	94649	13.194	ng/u1	0.00
73) Anthracene-d10	17.486	188	1212475	17.820	ng/u1	0.00
81) Pyrene-d10	19.774	212	1491592	19.567	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.862	264	1536941	19.168	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.416	88	8472	1.334	ng/uL#	96
5) Pyridine	3.828	79	67110	3.838	ng/u1#	84
6) Benzaldehyde	7.145	77	51289m	5.120	ng/u1	
8) Phenol	7.181	94	99705	4.504	ng/u1	97
10) Bis(2-Chloroethyl)ether	7.428	93	79953	4.537	ng/u1	99
12) 2-Chlorophenol	7.569	128	73803	4.649	ng/u1	97
13) 2-Methylphenol	8.451	108	69852	4.221	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.551	45	102581	4.636	ng/u1	98
16) Acetophenone	8.834	105	133809	4.725	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.822	70	59925	4.607	ng/u1	99
18) 4-Methylphenol	8.775	108	81013	4.409	ng/u1	99
19) Hexachloroethane	9.104	117	28414	4.468	ng/u1	95
22) Nitrobenzene	9.216	77	90457	4.731	ng/u1	99
23) Isophorone	9.745	82	173557	4.462	ng/u1	98
25) 2-Nitrophenol	9.934	139	37376	4.812	ng/u1	94
26) 2,4-Dimethylphenol	9.992	107	76680	4.019	ng/u1	98
27) Bis(2-Chloroethoxy)met...	10.233	93	112459	4.712	ng/u1	99
29) 2,4-Dichlorophenol	10.463	162	73637	4.773	ng/u1	98
30) Naphthalene	10.875	128	271493	4.779	ng/u1	100
32) 4-Chloroaniline	10.980	127	115920	4.513	ng/u1	97
33) Hexachlorobutadiene	11.169	225	46199	4.813	ng/u1	96
34) Caprolactam	11.745	113	23459m	4.434	ng/u1	
35) 4-Chloro-3-methylphenol	12.092	107	74153	4.252	ng/u1	97
36) 2-Methylnaphthalene	12.480	142	177080	4.775	ng/u1	98

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM030123\
 Data File : BM038824.D
 Acq On : 01 Mar 2023 12:14
 Operator : CG/JU
 Sample : 01378-05
 Misc : SFAM--MDL-ME-SOIL-01
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 MDL-MED-SOIL-QT1-2023-01

Quant Time: Mar 01 14:01:15 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM022823.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Mar 01 02:09:21 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 03/02/2023
 Supervised By :Jagrut Upadhyay 03/03/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.698	142	143591	3.843	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.845	216	93537	4.959	ng/ul	96
40) Hexachlorocyclopentadiene	12.827	237	53631	5.270	ng/ul	98
41) 2,4,6-Trichlorophenol	13.080	196	51045	4.290	ng/ul	94
42) 2,4,5-Trichlorophenol	13.145	196	59281	4.527	ng/ul	98
43) 1,1'-Biphenyl	13.486	154	248035	4.987	ng/ul	99
44) 2-Chloronaphthalene	13.527	162	191963	4.893	ng/ul	100
45) 2-Nitroaniline	13.722	65	32714	3.695	ng/ul	93
47) Dimethylphthalate	14.104	163	244585	4.941	ng/ul	99
48) 2,6-Dinitrotoluene	14.216	165	28496	3.638	ng/ul#	88
50) Acenaphthylene	14.369	152	313131	4.946	ng/ul	99
51) 3-Nitroaniline	14.545	138	33704	3.429	ng/ul#	95
52) Acenaphthene	14.710	153	213578	4.901	ng/ul	98
53) 2,4-Dinitrophenol	14.745	184	21720	4.878	ng/ul	96
55) 4-Nitrophenol	14.833	109	34484m	4.416	ng/ul	
56) Dibenzofuran	15.045	168	301257	4.979	ng/ul	97
57) 2,4-Dinitrotoluene	14.998	165	47210	3.899	ng/ul	95
58) 2,3,4,6-Tetrachlorophenol	15.263	232	49255	4.321	ng/ul	98
59) Diethylphthalate	15.463	149	228974	4.675	ng/ul	99
61) Fluorene	15.692	166	250540	4.939	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.686	204	122063	4.984	ng/ul	99
63) 4-Nitroaniline	15.698	138	41383	4.070	ng/ul	96
66) 4,6-Dinitro-2-methylph...	15.757	198	30053	4.048	ng/ul#	91
67) N-Nitrosodiphenylamine	15.898	169	197104	4.723	ng/ul	99
68) 4-Bromophenyl-phenylether	16.580	248	65611	4.620	ng/ul	98
69) Hexachlorobenzene	16.692	284	86968	5.056	ng/ul	99
70) Atrazine	16.845	200	55967	3.964	ng/ul	96
71) Pentachlorophenol	17.033	266	39433	3.770	ng/ul	97
72) Phenanthrene	17.427	178	395096	4.956	ng/ul	100
74) Anthracene	17.521	178	382342	4.710	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.451	216	74682	3.840	ng/uL	96
76) Pentachlorobenzene	14.963	250	73034	3.655	ng/uL	98
77) Carbazole	17.786	167	339332	4.502	ng/ul	99
78) Di-n-butylphthalate	18.362	149	319695	4.169	ng/ul	100
80) Fluoranthene	19.439	202	431817	4.925	ng/ul	98
82) Pyrene	19.803	202	498092	5.181	ng/ul	99
83) Butylbenzylphthalate	20.703	149	98500	3.856	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.480	252	102145	3.761	ng/ul#	95
85) Benzo(a)anthracene	21.550	228	463427	4.839	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.492	149	169255	3.986	ng/ul	96
87) Chrysene	21.603	228	465872	4.975	ng/ul	100
89) Di-n-octyl phthalate	22.439	149	264348	3.304	ng/ul	100
90) Benzo(b)fluoranthene	23.268	252	458371	4.640	ng/ul	99
91) Benzo(k)fluoranthene	23.321	252	501030	4.937	ng/ul	98
93) Benzo(a)pyrene	23.909	252	451913	4.938	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.579	276	562999	4.654	ng/ul	99
95) Dibenzo(a,h)anthracene	26.609	278	475519	4.659	ng/ul	98
96) Benzo(g,h,i)perylene	27.362	276	468864	4.733	ng/ul	98

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

