

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM030122\
 Data File : BM034106.D
 Acq On : 01 Mar 2022 14:46
 Operator : CG/JU
 Sample : N1331-05
 Misc : SFAM-MDL-MESOIL-01
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 MDL-MED-SOIL-QT1-2022-01

Manual Integrations
 APPROVED

Reviewed By :Jagrut
 Upadhyay

Quant Time: Mar 01 15:27:08 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM022822.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Mar 01 03:48:18 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.995	152	140448	20.000	ng/u1	0.00
20) Naphthalene-d8	10.813	136	519121	20.000	ng/u1	# 0.00
38) Acenaphthene-d10	14.630	164	344529	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.371	188	718017	20.000	ng/u1	# 0.00
79) Chrysene-d12	21.542	240	735874	20.000	ng/u1	# 0.00
88) Perylene-d12	23.994	264	777470	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.372	96	11267	3.699	ng/uL	0.00
4) Pyridine-d5	3.796	84	111369	13.914	ng/u1	0.00
7) Phenol-d5	7.143	99	135823	13.541	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.313	67	79156	14.215	ng/u1	0.00
11) 2-Chlorophenol-d4	7.525	132	124069	14.347	ng/u1	0.00
15) 4-Methylphenol-d8	8.695	113	112928	13.227	ng/u1	0.00
21) Nitrobenzene-d5	9.154	128	56847	14.497	ng/u1	0.00
24) 2-Nitrophenol-d4	9.884	143	63211	14.182	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.425	165	125975	13.966	ng/u1	0.00
31) 4-Chloroaniline-d4	10.936	131	161162	14.168	ng/u1	0.00
46) Dimethylphthalate-d6	14.036	166	392879	15.072	ng/u1	0.00
49) Acenaphthylene-d8	14.324	160	473447	14.913	ng/u1	0.00
54) 4-Nitrophenol-d4	14.801	143	55749	12.486	ng/u1	0.00
60) Fluorene-d10	15.618	176	340927	15.131	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.724	200	54433	11.612	ng/u1	0.00
73) Anthracene-d10	17.471	188	518605	14.936	ng/u1	0.00
81) Pyrene-d10	19.754	212	588412	14.833	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.830	264	606687	15.312	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.408	88	5046	1.688	ng/uL#	80
5) Pyridine	3.813	79	37897	4.639	ng/u1	96
6) Benzaldehyde	7.125	77	24992	4.387	ng/u1#	70
8) Phenol	7.172	94	41307	4.218	ng/u1	88
10) Bis(2-Chloroethyl)ether	7.407	93	34313	4.448	ng/u1#	84
12) 2-Chlorophenol	7.554	128	38416	4.476	ng/u1#	79
13) 2-Methylphenol	8.431	108	30055	3.905	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.531	45	37354	4.438	ng/u1#	87
16) Acetophenone	8.819	105	55254	4.161	ng/u1	85
17) N-Nitroso-di-n-propyla...	8.801	70	24504	4.046	ng/u1#	85
18) 4-Methylphenol	8.760	108	33495	4.013	ng/u1	98
19) Hexachloroethane	9.089	117	15856	4.412	ng/u1#	60
22) Nitrobenzene	9.195	77	39535	4.700	ng/u1#	87
23) Isophorone	9.731	82	64187	4.139	ng/u1#	89
25) 2-Nitrophenol	9.913	139	20262	4.403	ng/u1#	76
26) 2,4-Dimethylphenol	9.972	107	41057	4.455	ng/u1	92
27) Bis(2-Chloroethoxy)met...	10.213	93	42493	4.519	ng/u1#	97
29) 2,4-Dichlorophenol	10.454	162	38023	4.389	ng/u1#	87
30) Naphthalene	10.860	128	121638	4.676	ng/u1	100
32) 4-Chloroaniline	10.960	127	48616	4.323	ng/u1	96
33) Hexachlorobutadiene	11.160	225	31840	4.785	ng/u1	94
34) Caprolactam	11.730	113	7637m	3.246	ng/u1	
35) 4-Chloro-3-methylphenol	12.078	107	32346	3.988	ng/u1#	72
36) 2-Methylnaphthalene	12.466	142	83683	4.407	ng/u1	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
37) 1-Methylnaphthalene	12.683	142	88610	4.603	ng/ul	93	03/01/2022
39) 1,2,4,5-Tetrachloroben...	12.836	216	54359	4.749	ng/ul#	96	Supervised By :mohammad ahmed
40) Hexachlorocyclopentadiene	12.825	237	40437	5.180	ng/ul	98	
41) 2,4,6-Trichlorophenol	13.066	196	29089	4.160	ng/ul	97	
42) 2,4,5-Trichlorophenol	13.136	196	32567	4.235	ng/ul	91	
43) 1,1'-Biphenyl	13.472	154	120910	4.761	ng/ul#	97	
44) 2-Chloronaphthalene	13.507	162	94066	4.767	ng/ul	95	03/02/2022
45) 2-Nitroaniline	13.701	65	16969	3.820	ng/ul#	66	
47) Dimethylphthalate	14.083	163	116458	4.615	ng/ul	99	
48) 2,6-Dinitrotoluene	14.195	165	19195	3.887	ng/ul	90	
50) Acenaphthylene	14.354	152	143929	4.616	ng/ul	98	
51) 3-Nitroaniline	14.524	138	14410	3.000	ng/ul#	70	
52) Acenaphthene	14.695	153	95597	4.620	ng/ul	99	
53) 2,4-Dinitrophenol	14.724	184	13253	4.045	ng/ul#	70	
55) 4-Nitrophenol	14.819	109	16166	3.978	ng/ul#	79	
56) Dibenzofuran	15.030	168	143086	4.709	ng/ul	93	
57) 2,4-Dinitrotoluene	14.977	165	27680	3.857	ng/ul#	71	
58) 2,3,4,6-Tetrachlorophenol	15.254	232	26710	4.014	ng/ul#	87	
59) Diethylphthalate	15.442	149	110041	4.368	ng/ul	99	
61) Fluorene	15.677	166	115748	4.567	ng/ul	99	
62) 4-Chlorophenyl-phenyle...	15.671	204	63519	4.686	ng/ul	89	
63) 4-Nitroaniline	15.677	138	12856m	2.616	ng/ul		
66) 4,6-Dinitro-2-methylph...	15.742	198	17596	3.841	ng/ul#	84	
67) N-Nitrosodiphenylamine	15.877	169	93659	4.492	ng/ul	99	
68) 4-Bromophenyl-phenylether	16.560	248	36370	4.643	ng/ul	91	
69) Hexachlorobenzene	16.683	284	44489	4.683	ng/ul#	91	
70) Atrazine	16.824	200	34473	4.029	ng/ul	96	
71) Pentachlorophenol	17.018	266	24210	3.913	ng/ul	91	
72) Phenanthrene	17.412	178	178801	4.591	ng/ul	98	
74) Anthracene	17.507	178	179018	4.539	ng/ul	98	
75) 1,2,3,4-Tetrachloroben...	13.436	216	57906	5.109	ng/uL	97	
76) Pentachlorobenzene	14.954	250	56755	5.062	ng/uL	97	
77) Carbazole	17.771	167	144523	4.205	ng/ul	97	
78) Di-n-butylphthalate	18.342	149	159213	3.973	ng/ul	99	
80) Fluoranthene	19.424	202	199946	4.362	ng/ul#	90	
82) Pyrene	19.783	202	214791	4.536	ng/ul#	88	
83) Butylbenzylphthalate	20.677	149	62319	3.733	ng/ul#	79	
84) 3,3'-Dichlorobenzidine	21.453	252	56571	3.626	ng/ul	97	
85) Benzo(a)anthracene	21.524	228	206975	4.601	ng/ul	100	
86) Bis(2-ethylhexyl)phtha...	21.459	149	96492	3.749	ng/ul#	96	
87) Chrysene	21.583	228	208143	4.712	ng/ul	97	
89) Di-n-octyl phthalate	22.400	149	159303	3.329	ng/ul	100	
90) Benzo(b)fluoranthene	23.242	252	214389	4.348	ng/ul#	96	
91) Benzo(k)fluoranthene	23.294	252	213816	4.607	ng/ul#	97	
93) Benzo(a)pyrene	23.883	252	217162	4.601	ng/ul#	95	
94) Indeno(1,2,3-cd)pyrene	26.547	276	263042	5.007	ng/ul	97	
95) Dibenzo(a,h)anthracene	26.559	278	230221	5.063	ng/ul	97	
96) Benzo(g,h,i)perylene	27.324	276	227095	5.119	ng/ul#	94	

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

