

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM030122\
 Data File : BM034104.D
 Acq On : 01 Mar 2022 13:00
 Operator : CG/JU
 Sample : N1331-03
 Misc : SFAM-MDL-SOIL-01
 ALS Vial : 6 Sample Multiplier: 1

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

Quant Time: Mar 01 13:31:12 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

Manual Integrations APPROVED

Reviewed By :Jagrut
 Upadhyay

Supervised By :mohammad
 03/01/2022

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.995	152	136065	20.000	ng/u1	0.00
20) Naphthalene-d8	10.813	136	505753	20.000	ng/u1	# 0.00
38) Acenaphthene-d10	14.630	164	341709	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.371	188	705792	20.000	ng/u1	# 0.00
79) Chrysene-d12	21.541	240	714426	20.000	ng/u1	# 0.00
88) Perylene-d12	23.994	264	765978	20.000	ng/u1	0.00

System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.372	96	10783	3.654	ng/uL	0.00
4) Pyridine-d5	3.796	84	111103	14.328	ng/u1	0.00
7) Phenol-d5	7.142	99	133242	13.711	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.313	67	77468	14.360	ng/u1	0.00
11) 2-Chlorophenol-d4	7.525	132	120824	14.422	ng/u1	0.00
15) 4-Methylphenol-d8	8.695	113	109612	13.252	ng/u1	0.00
21) Nitrobenzene-d5	9.154	128	55361	14.492	ng/u1	0.00
24) 2-Nitrophenol-d4	9.883	143	61314	14.120	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.425	165	123823	14.090	ng/u1	0.00
31) 4-Chloroaniline-d4	10.936	131	155273	14.011	ng/u1	0.00
46) Dimethylphthalate-d6	14.036	166	389964	15.083	ng/u1	0.00
49) Acenaphthylene-d8	14.324	160	465350	14.778	ng/u1	0.00
54) 4-Nitrophenol-d4	14.801	143	54573	12.323	ng/u1	0.00
60) Fluorene-d10	15.618	176	330452	14.788	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.724	200	53372	11.583	ng/u1	0.00
73) Anthracene-d10	17.471	188	509346	14.924	ng/u1	0.00
81) Pyrene-d10	19.759	212	569207	14.780	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.835	264	584512	14.974	ng/u1	0.00

Target Compounds					Qvalue
2) 1,4-Dioxane	3.407	88	5553	1.917	ng/uL# 72
5) Pyridine	3.819	79	38068	4.810	ng/u1# 84
6) Benzaldehyde	7.125	77	24827	4.499	ng/u1# 75
8) Phenol	7.172	94	39743	4.189	ng/u1# 85
10) Bis(2-Chloroethyl)ether	7.407	93	32668	4.371	ng/u1# 83
12) 2-Chlorophenol	7.554	128	38016	4.572	ng/u1# 78
13) 2-Methylphenol	8.431	108	29079	3.900	ng/u1 90
14) 2,2'-oxybis(1-Chloropr...	8.525	45	36837	4.517	ng/u1# 94
16) Acetophenone	8.819	105	54213	4.215	ng/u1 89
17) N-Nitroso-di-n-propyla...	8.807	70	24450	4.167	ng/u1# 83
18) 4-Methylphenol	8.760	108	31939	3.950	ng/u1 92
19) Hexachloroethane	9.089	117	15678	4.503	ng/u1# 56
22) Nitrobenzene	9.195	77	37823	4.616	ng/u1# 90
23) Isophorone	9.730	82	64742	4.285	ng/u1# 88
25) 2-Nitrophenol	9.919	139	19752	4.406	ng/u1# 72
26) 2,4-Dimethylphenol	9.972	107	39666	4.418	ng/u1 94
27) Bis(2-Chloroethoxy)met...	10.213	93	41758	4.559	ng/u1# 94
29) 2,4-Dichlorophenol	10.454	162	37657	4.462	ng/u1# 92
30) Naphthalene	10.860	128	119237	4.704	ng/u1 98
32) 4-Chloroaniline	10.960	127	48357	4.414	ng/u1 94
33) Hexachlorobutadiene	11.160	225	31239	4.819	ng/u1 98
34) Caprolactam	11.724	113	7477	3.262	ng/u1# 60
35) 4-Chloro-3-methylphenol	12.077	107	30869	3.906	ng/u1# 77
36) 2-Methylnaphthalene	12.466	142	82582	4.464	ng/u1 98

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37) 1-Methylnaphthalene	12.683	142	85558	4.562	ng/ul	96
39) 1,2,4,5-Tetrachloroben...	12.836	216	54495	4.800	ng/ul#	95
40) Hexachlorocyclopentadiene	12.819	237	39549	5.109	ng/ul	90
41) 2,4,6-Trichlorophenol	13.066	196	29118	4.199	ng/ul	98
42) 2,4,5-Trichlorophenol	13.136	196	32772	4.297	ng/ul	92
43) 1,1'-Biphenyl	13.471	154	117145	4.651	ng/ul#	95
44) 2-Chloronaphthalene	13.513	162	92423	4.723	ng/ul	94
45) 2-Nitroaniline	13.701	65	16259	3.691	ng/ul#	68
47) Dimethylphthalate	14.083	163	112804	4.507	ng/ul	100
48) 2,6-Dinitrotoluene	14.201	165	19265	3.933	ng/ul#	78
50) Acenaphthylene	14.354	152	141092	4.562	ng/ul	100
51) 3-Nitroaniline	14.524	138	14371	3.016	ng/ul#	62
52) Acenaphthene	14.695	153	94334	4.597	ng/ul	96
53) 2,4-Dinitrophenol	14.724	184	13354	4.110	ng/ul#	70
55) 4-Nitrophenol	14.818	109	16452	4.081	ng/ul#	81
56) Dibenzofuran	15.030	168	139870	4.641	ng/ul	91
57) 2,4-Dinitrotoluene	14.977	165	27872	3.916	ng/ul#	73
58) 2,3,4,6-Tetrachlorophenol	15.254	232	26317	3.988	ng/ul#	86
59) Diethylphthalate	15.442	149	110976	4.441	ng/ul	99
61) Fluorene	15.677	166	113567	4.518	ng/ul	97
62) 4-Chlorophenyl-phenyle...	15.671	204	63065	4.691	ng/ul#	87
63) 4-Nitroaniline	15.677	138	12622m	2.589	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.742	198	16774	3.725	ng/ul#	87
67) N-Nitrosodiphenylamine	15.877	169	92128	4.495	ng/ul	98
68) 4-Bromophenyl-phenylether	16.559	248	35311	4.586	ng/ul	91
69) Hexachlorobenzene	16.683	284	43370	4.644	ng/ul#	89
70) Atrazine	16.824	200	34006	4.043	ng/ul	96
71) Pentachlorophenol	17.018	266	25141	4.134	ng/ul	96
72) Phenanthrene	17.412	178	175791	4.592	ng/ul	98
74) Anthracene	17.506	178	177827	4.587	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.436	216	57383	5.151	ng/uL	96
76) Pentachlorobenzene	14.954	250	56046	5.086	ng/uL	99
77) Carbazole	17.771	167	137362	4.065	ng/ul	99
78) Di-n-butylphthalate	18.342	149	155789	3.955	ng/ul	99
80) Fluoranthene	19.424	202	194907	4.380	ng/ul#	89
82) Pyrene	19.783	202	211453	4.600	ng/ul#	89
83) Butylbenzylphthalate	20.683	149	62410	3.850	ng/ul#	75
84) 3,3'-Dichlorobenzidine	21.459	252	54291	3.585	ng/ul	98
85) Benzo(a)anthracene	21.530	228	199871	4.577	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.459	149	93392	3.737	ng/ul#	99
87) Chrysene	21.583	228	200923	4.685	ng/ul	99
89) Di-n-octyl phthalate	22.406	149	155448	3.298	ng/ul	100
90) Benzo(b)fluoranthene	23.241	252	216849	4.464	ng/ul#	97
91) Benzo(k)fluoranthene	23.294	252	200789	4.391	ng/ul#	97
93) Benzo(a)pyrene	23.883	252	211234	4.542	ng/ul#	97
94) Indeno(1,2,3-cd)pyrene	26.547	276	255416	4.935	ng/ul#	94
95) Dibenzo(a,h)anthracene	26.565	278	222213	4.960	ng/ul	97
96) Benzo(g,h,i)perylene	27.329	276	217725	4.981	ng/ul#	94

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

