

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP022123\
 Data File : BP013862.D
 Acq On : 21 Feb 2023 12:03
 Operator : CG/JU
 Sample : 01378-03
 Misc : SFAM-MDL-SOIL-01
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 MDL-SOIL-QT1-2023-01

Quant Time: Feb 22 01:51:03 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP020723.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Feb 22 01:41:33 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 02/22/2023
 Supervised By :mohammad ahmed 02/22/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.110	152	211441	20.000	ng/u1	0.00
20) Naphthalene-d8	10.940	136	909650	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.751	164	622953	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.504	188	1429254	20.000	ng/u1	0.00
79) Chrysene-d12	21.580	240	1330826	20.000	ng/u1	0.00
88) Perylene-d12	24.139	264	1264457	20.000	ng/u1	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.458	96	20368	3.993	ng/uL	0.00
4) Pyridine-d5	3.893	84	175898	11.630	ng/u1	0.00
7) Phenol-d5	7.257	99	325946	17.302	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.428	67	188931	17.114	ng/u1	0.00
11) 2-Chlorophenol-d4	7.634	132	258572	18.645	ng/u1	0.00
15) 4-Methylphenol-d8	8.816	113	269175	17.481	ng/u1	0.00
21) Nitrobenzene-d5	9.287	128	128159	20.249	ng/u1	0.01
24) 2-Nitrophenol-d4	10.010	143	150433	20.586	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.551	165	275222	18.481	ng/u1	0.00
31) 4-Chloroaniline-d4	11.069	131	368566	17.460	ng/u1	0.00
46) Dimethylphthalate-d6	14.151	166	893010	18.200	ng/u1	0.00
49) Acenaphthylene-d8	14.445	160	972322	18.307	ng/u1	0.00
54) 4-Nitrophenol-d4	14.933	143	144014	16.475	ng/u1	0.00
60) Fluorene-d10	15.739	176	763495	18.269	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.857	200	158202	18.042	ng/u1	0.00
73) Anthracene-d10	17.604	188	1178387	18.031	ng/u1	0.00
81) Pyrene-d10	19.821	212	1467118	19.440	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.968	264	1197438	18.900	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.493	88	7228m	1.320	ng/uL	
5) Pyridine	3.916	79	50910	3.406	ng/u1	91
6) Benzaldehyde	7.246	77	40471	4.764	ng/u1	94
8) Phenol	7.281	94	77714	4.019	ng/u1	95
10) Bis(2-Chloroethyl)ether	7.522	93	63007	4.066	ng/u1	98
12) 2-Chlorophenol	7.669	128	61078	4.292	ng/u1	98
13) 2-Methylphenol	8.551	108	57895	3.922	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.646	45	67471	3.828	ng/u1	97
16) Acetophenone	8.946	105	101787	4.122	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.922	70	49856	4.066	ng/u1#	97
18) 4-Methylphenol	8.881	108	64511	3.958	ng/u1	96
19) Hexachloroethane	9.204	117	26896	4.616	ng/u1	94
22) Nitrobenzene	9.328	77	73301	4.402	ng/u1	98
23) Isophorone	9.857	82	146394	4.167	ng/u1	99
25) 2-Nitrophenol	10.046	139	35782	4.518	ng/u1	98
26) 2,4-Dimethylphenol	10.093	107	67992	3.856	ng/u1	99
27) Bis(2-Chloroethoxy)met...	10.334	93	89661	4.226	ng/u1	97
29) 2,4-Dichlorophenol	10.581	162	62574	4.268	ng/u1	97
30) Naphthalene	10.987	128	208984	4.316	ng/u1	100
32) 4-Chloroaniline	11.098	127	85468	4.016	ng/u1	93
33) Hexachlorobutadiene	11.269	225	49982	4.840	ng/u1	97
34) Caprolactam	11.892	113	23465m	4.561	ng/u1	
35) 4-Chloro-3-methylphenol	12.204	107	68159	4.027	ng/u1	97
36) 2-Methylnaphthalene	12.587	142	143292	4.209	ng/u1	99

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37) 1-Methylnaphthalene	12.804	142	133954	3.808	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.951	216	91727	4.673	ng/ul	97
40) Hexachlorocyclopentadiene	12.928	237	56157	4.455	ng/ul	99
41) 2,4,6-Trichlorophenol	13.187	196	55718	4.325	ng/ul	96
42) 2,4,5-Trichlorophenol	13.257	196	59172	4.244	ng/ul	98
43) 1,1'-Biphenyl	13.586	154	203154	4.346	ng/ul	99
44) 2-Chloronaphthalene	13.628	162	158781	4.318	ng/ul	99
45) 2-Nitroaniline	13.834	65	36209	4.088	ng/ul	93
47) Dimethylphthalate	14.198	163	208664	4.288	ng/ul	99
48) 2,6-Dinitrotoluene	14.322	165	34886	4.103	ng/ul	96
50) Acenaphthylene	14.475	152	242280	4.229	ng/ul	99
51) 3-Nitroaniline	14.651	138	33614	3.999	ng/ul	95
52) Acenaphthene	14.816	153	170774	4.258	ng/ul	98
53) 2,4-Dinitrophenol	14.857	184	29900	4.931	ng/ul	96
55) 4-Nitrophenol	14.945	109	30780	4.013	ng/ul	93
56) Dibenzofuran	15.145	168	246526	4.288	ng/ul	99
57) 2,4-Dinitrotoluene	15.104	165	53602	4.229	ng/ul	93
58) 2,3,4,6-Tetrachlorophenol	15.369	232	56327	4.286	ng/ul#	99
59) Diethylphthalate	15.557	149	206722	4.230	ng/ul	98
61) Fluorene	15.798	166	202807	4.324	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.786	204	108529	4.450	ng/ul	99
63) 4-Nitroaniline	15.810	138	30848m	3.875	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.869	198	44032	5.122	ng/ul#	94
67) N-Nitrosodiphenylamine	15.998	169	168448	4.336	ng/ul	99
68) 4-Bromophenyl-phenylether	16.686	248	69589	4.611	ng/ul	97
69) Hexachlorobenzene	16.804	284	83413	4.743	ng/ul	99
70) Atrazine	16.951	200	74104	4.770	ng/ul	97
71) Pentachlorophenol	17.151	266	54291	4.744	ng/ul	99
72) Phenanthrene	17.545	178	326237	4.313	ng/ul	100
74) Anthracene	17.639	178	318612	4.187	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.551	216	83376	4.370	ng/uL	98
76) Pentachlorobenzene	15.069	250	84243	4.279	ng/uL	97
77) Carbazole	17.904	167	283166	4.225	ng/ul	98
78) Di-n-butylphthalate	18.433	149	341705	4.203	ng/ul	99
80) Fluoranthene	19.498	202	403747	4.673	ng/ul	97
82) Pyrene	19.851	202	419540	4.555	ng/ul#	94
83) Butylbenzylphthalate	20.704	149	143623	4.556	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.486	252	113558	3.791	ng/ul	99
85) Benzo(a)anthracene	21.563	228	387029	4.256	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.457	149	218799	4.532	ng/ul#	97
87) Chrysene	21.615	228	374370	4.364	ng/ul	98
89) Di-n-octyl phthalate	22.433	149	327361	3.762	ng/ul	100
90) Benzo(b)fluoranthene	23.345	252	370710	4.397	ng/ul	99
91) Benzo(k)fluoranthene	23.398	252	345953	4.136	ng/ul	96
93) Benzo(a)pyrene	24.021	252	312020	4.366	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.833	276	369508	4.610	ng/ul#	94
95) Dibenzo(a,h)anthracene	26.845	278	307954	4.599	ng/ul	97
96) Benzo(g,h,i)perylene	27.656	276	300905	4.715	ng/ul	96

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

Manual Integrations APPROVED

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