

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP022123\
 Data File : BP013863.D
 Acq On : 21 Feb 2023 12:37
 Operator : CG/JU
 Sample : 01378-05
 Misc : SFAM-MDL-ME-SOIL-01
 ALS Vial : 7 Sample Multiplier: 1

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

Quant Time: Feb 22 01:51:37 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	8.105	152	209245	20.000	ng/u1	0.00
20) Naphthalene-d8	10.928	136	886475	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.745	164	621041	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.498	188	1415249	20.000	ng/u1	0.00
79) Chrysene-d12	21.575	240	1280476	20.000	ng/u1	0.00
88) Perylene-d12	24.127	264	1192571	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.452	96	17584	3.483	ng/uL	0.00
4) Pyridine-d5	3.887	84	155727	10.405	ng/u1	0.00
7) Phenol-d5	7.252	99	320114	17.170	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.422	67	190154	17.406	ng/u1	0.00
11) 2-Chlorophenol-d4	7.628	132	251071	18.294	ng/u1	0.00
15) 4-Methylphenol-d8	8.810	113	261068	17.132	ng/u1	0.00
21) Nitrobenzene-d5	9.275	128	125835	20.402	ng/u1	0.00
24) 2-Nitrophenol-d4	10.005	143	148078	20.793	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.546	165	270941	18.669	ng/u1	0.00
31) 4-Chloroaniline-d4	11.063	131	361464	17.571	ng/u1	0.00
46) Dimethylphthalate-d6	14.145	166	912582	18.657	ng/u1	0.00
49) Acenaphthylene-d8	14.440	160	987947	18.658	ng/u1	0.00
54) 4-Nitrophenol-d4	14.928	143	143972	16.521	ng/u1	0.00
60) Fluorene-d10	15.734	176	755974	18.145	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.845	200	156222	17.993	ng/u1	0.00
73) Anthracene-d10	17.598	188	1159705	17.921	ng/u1	0.00
81) Pyrene-d10	19.816	212	1370636	18.876	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.963	264	1128463	18.885	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.493	88	6266	1.156	ng/uL	91
5) Pyridine	3.911	79	45547	3.079	ng/u1	90
6) Benzaldehyde	7.234	77	40386	4.804	ng/u1	97
8) Phenol	7.275	94	75379	3.939	ng/u1	93
10) Bis(2-Chloroethyl)ether	7.516	93	62783	4.094	ng/u1	96
12) 2-Chlorophenol	7.663	128	60964	4.329	ng/u1	98
13) 2-Methylphenol	8.546	108	55263	3.783	ng/u1	100
14) 2,2'-oxybis(1-Chloropr...	8.634	45	68275	3.914	ng/u1	97
16) Acetophenone	8.934	105	97141	3.975	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.916	70	47466	3.911	ng/u1#	94
18) 4-Methylphenol	8.875	108	60738	3.766	ng/u1	95
19) Hexachloroethane	9.193	117	25083	4.350	ng/u1	93
22) Nitrobenzene	9.316	77	73690	4.541	ng/u1	97
23) Isophorone	9.846	82	143570	4.194	ng/u1	99
25) 2-Nitrophenol	10.034	139	35602	4.612	ng/u1	97
26) 2,4-Dimethylphenol	10.087	107	67570	3.932	ng/u1	99
27) Bis(2-Chloroethoxy)met...	10.328	93	78622	3.803	ng/u1	94
29) 2,4-Dichlorophenol	10.569	162	63467	4.442	ng/u1	93
30) Naphthalene	10.981	128	204326	4.330	ng/u1	99
32) 4-Chloroaniline	11.087	127	83356	4.019	ng/u1	99
33) Hexachlorobutadiene	11.263	225	48190	4.788	ng/u1	99
34) Caprolactam	11.881	113	21844m	4.357	ng/u1	
35) 4-Chloro-3-methylphenol	12.199	107	68199	4.135	ng/u1	98
36) 2-Methylnaphthalene	12.581	142	139773	4.213	ng/u1	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.798	142	131991	3.850	ng/u1	99
39) 1,2,4,5-Tetrachloroben...	12.940	216	91892	4.695	ng/u1	97
40) Hexachlorocyclopentadiene	12.922	237	57095	4.544	ng/u1	97
41) 2,4,6-Trichlorophenol	13.181	196	55718	4.339	ng/u1	98
42) 2,4,5-Trichlorophenol	13.251	196	58318	4.195	ng/u1	96
43) 1,1'-Biphenyl	13.575	154	201689	4.328	ng/u1	99
44) 2-Chloronaphthalene	13.622	162	157003	4.283	ng/u1	98
45) 2-Nitroaniline	13.822	65	36230	4.103	ng/u1	98
47) Dimethylphthalate	14.187	163	207587	4.279	ng/u1	98
48) 2,6-Dinitrotoluene	14.316	165	35230	4.156	ng/u1	98
50) Acenaphthylene	14.469	152	246281	4.312	ng/u1	99
51) 3-Nitroaniline	14.645	138	32034	3.823	ng/u1	95
52) Acenaphthene	14.804	153	171820	4.298	ng/u1	99
53) 2,4-Dinitrophenol	14.851	184	28842	4.772	ng/u1	97
55) 4-Nitrophenol	14.940	109	30470	3.985	ng/u1	97
56) Dibenzofuran	15.140	168	245854	4.289	ng/u1	98
57) 2,4-Dinitrotoluene	15.098	165	52882	4.185	ng/u1#	99
58) 2,3,4,6-Tetrachlorophenol	15.363	232	56119	4.283	ng/u1	97
59) Diethylphthalate	15.551	149	203509	4.177	ng/u1	99
61) Fluorene	15.787	166	198961	4.255	ng/u1	98
62) 4-Chlorophenyl-phenyle...	15.775	204	109340	4.497	ng/u1	99
63) 4-Nitroaniline	15.804	138	31741	4.000	ng/u1	98
66) 4,6-Dinitro-2-methylph...	15.863	198	42463	4.989	ng/u1	100
67) N-Nitrosodiphenylamine	15.992	169	169154	4.397	ng/u1	99
68) 4-Bromophenyl-phenylether	16.675	248	68727	4.598	ng/u1	98
69) Hexachlorobenzene	16.798	284	80163	4.603	ng/u1	97
70) Atrazine	16.939	200	71400	4.641	ng/u1	96
71) Pentachlorophenol	17.139	266	54054	4.770	ng/u1	98
72) Phenanthrene	17.539	178	322725	4.309	ng/u1	99
74) Anthracene	17.634	178	313640	4.163	ng/u1	99
75) 1,2,3,4-Tetrachloroben...	13.546	216	83538	4.422	ng/uL	98
76) Pentachlorobenzene	15.057	250	82621	4.238	ng/uL	98
77) Carbazole	17.892	167	278739	4.200	ng/u1	98
78) Di-n-butylphthalate	18.428	149	331822	4.122	ng/u1	99
80) Fluoranthene	19.492	202	378105	4.548	ng/u1	96
82) Pyrene	19.845	202	394746	4.454	ng/u1	95
83) Butylbenzylphthalate	20.698	149	135089	4.454	ng/u1	95
84) 3,3'-Dichlorobenzidine	21.480	252	112891	3.917	ng/u1	98
85) Benzo(a)anthracene	21.557	228	370078	4.230	ng/u1	99
86) Bis(2-ethylhexyl)phtha...	21.451	149	209018	4.500	ng/u1	99
87) Chrysene	21.610	228	354533	4.295	ng/u1	99
89) Di-n-octyl phthalate	22.427	149	311044	3.790	ng/u1	100
90) Benzo(b)fluoranthene	23.339	252	339327	4.267	ng/u1	98
91) Benzo(k)fluoranthene	23.392	252	341416	4.328	ng/u1	97
93) Benzo(a)pyrene	24.016	252	289219	4.291	ng/u1	97
94) Indeno(1,2,3-cd)pyrene	26.815	276	349262	4.620	ng/u1#	95
95) Dibenzo(a,h)anthracene	26.833	278	286108	4.531	ng/u1	97
96) Benzo(g,h,i)perylene	27.645	276	275861	4.583	ng/u1	97

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

