

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091124\
 Data File : BN033858.D
 Acq On : 11 Sep 2024 12:29
 Operator : JU/RC
 Sample : P3391-05
 Misc : SFAM-MDL-Q3-ME SOIL-01
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MDL-MED-SOIL-QT3-2024-05

Quant Time: Sep 11 13:00:46 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN091124.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Sep 11 01:58:59 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.499	152	156838	20.000	ng/u1	0.00
20) Naphthalene-d8	10.257	136	715239	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.139	164	469848	20.000	ng/u1	0.00
64) Phenanthrene-d10	16.892	188	1038002	20.000	ng/u1	0.00
79) Chrysene-d12	21.133	240	1113046	20.000	ng/u1	0.00
88) Perylene-d12	23.915	264	1298295	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.111	96	19355	5.036	ng/uL	0.00
4) Pyridine-d5	3.499	84	269674	23.606	ng/u1	0.00
7) Phenol-d5	6.687	99	327272	23.512	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.846	67	204993	23.736	ng/u1	0.00
11) 2-Chlorophenol-d4	7.034	132	250201	22.836	ng/u1	0.00
15) 4-Methylphenol-d8	8.204	113	243508	21.261	ng/u1	0.00
21) Nitrobenzene-d5	8.640	128	132341	23.214	ng/u1	0.00
24) 2-Nitrophenol-d4	9.351	143	134747	22.986	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	9.887	165	241291	21.855	ng/u1	0.00
31) 4-Chloroaniline-d4	10.398	131	356733	21.343	ng/u1	0.00
46) Dimethylphthalate-d6	13.563	166	810838	23.092	ng/u1	0.00
49) Acenaphthylene-d8	13.828	160	900242	22.790	ng/u1	0.00
54) 4-Nitrophenol-d4	14.357	143	164338	22.805	ng/u1	0.00
60) Fluorene-d10	15.139	176	697572	23.441	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.263	200	116968	18.899	ng/u1	0.00
73) Anthracene-d10	16.992	188	956716	19.604	ng/u1	0.00
81) Pyrene-d10	19.298	212	1322061	21.318	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.721	264	1518445	22.769	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.146	88	4826	1.190	ng/uL	87
5) Pyridine	3.522	79	55424	4.741	ng/u1#	70
6) Benzaldehyde	6.652	77	41620	5.665	ng/u1	96
8) Phenol	6.716	94	69435	4.791	ng/u1	97
10) Bis(2-Chloroethyl)ether	6.940	93	56701	5.034	ng/u1	98
12) 2-Chlorophenol	7.069	128	53527	4.767	ng/u1	98
13) 2-Methylphenol	7.946	108	45769	4.225	ng/u1	95
14) 2,2'-oxybis(1-Chloropr...	8.022	45	86435	5.203	ng/u1	97
16) Acetophenone	8.310	105	91568	5.047	ng/u1	96
17) N-Nitroso-di-n-propyla...	8.299	70	45191	5.030	ng/u1	99
18) 4-Methylphenol	8.269	108	54812	4.547	ng/u1	92
19) Hexachloroethane	8.557	117	22410	4.732	ng/u1	95
22) Nitrobenzene	8.681	77	70461	4.938	ng/u1	99
23) Isophorone	9.204	82	122577	4.658	ng/u1	97
25) 2-Nitrophenol	9.381	139	30431	4.638	ng/u1	93
26) 2,4-Dimethylphenol	9.457	107	28802	2.134	ng/u1	95
27) Bis(2-Chloroethoxy)met...	9.693	93	78130	4.826	ng/u1	99
29) 2,4-Dichlorophenol	9.910	162	51336	4.592	ng/u1	99
30) Naphthalene	10.304	128	189924	4.855	ng/u1	99
32) 4-Chloroaniline	10.422	127	76132	4.622	ng/u1	97
33) Hexachlorobutadiene	10.598	225	33520	4.674	ng/u1	97
34) Caprolactam	11.216	113	32685	7.344	ng/u1	96
35) 4-Chloro-3-methylphenol	11.557	107	58316	4.431	ng/u1	97
36) 2-Methylnaphthalene	11.928	142	126869	4.708	ng/u1	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.151	142	133341	4.888	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.304	216	64953	4.789	ng/ul	98
40) Hexachlorocyclopentadiene	12.293	237	42315	5.070	ng/ul	99
41) 2,4,6-Trichlorophenol	12.557	196	37267	4.144	ng/ul	99
42) 2,4,5-Trichlorophenol	12.628	196	42504	4.303	ng/ul	97
43) 1,1'-Biphenyl	12.963	154	171339	4.837	ng/ul	98
44) 2-Chloronaphthalene	12.998	162	134484	4.873	ng/ul	98
45) 2-Nitroaniline	13.210	65	38724	4.343	ng/ul	92
47) Dimethylphthalate	13.610	163	175354	4.900	ng/ul	100
48) 2,6-Dinitrotoluene	13.722	165	30202	4.286	ng/ul	94
50) Acenaphthylene	13.857	152	218881	5.064	ng/ul	99
51) 3-Nitroaniline	14.051	138	30965	3.976	ng/ul#	96
52) Acenaphthene	14.204	153	148186	4.802	ng/ul	96
53) 2,4-Dinitrophenol	14.257	184	24842	5.994	ng/ul	92
55) 4-Nitrophenol	14.369	109	31497	5.147	ng/ul	88
56) Dibenzofuran	14.539	168	206357	4.890	ng/ul	100
57) 2,4-Dinitrotoluene	14.516	165	46815	4.407	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	14.775	232	37390	4.562	ng/ul	99
59) Diethylphthalate	14.986	149	179360	4.796	ng/ul	99
61) Fluorene	15.192	166	172411	4.994	ng/ul	96
62) 4-Chlorophenyl-phenyle...	15.198	204	81514	4.872	ng/ul	94
63) 4-Nitroaniline	15.216	138	34205	4.268	ng/ul	95
66) 4,6-Dinitro-2-methylph...	15.281	198	29821	4.339	ng/ul#	91
67) N-Nitrosodiphenylamine	15.416	169	143877	4.626	ng/ul	98
68) 4-Bromophenyl-phenylether	16.092	248	48895	4.639	ng/ul	94
69) Hexachlorobenzene	16.198	284	56675	4.633	ng/ul	96
70) Atrazine	16.381	200	53121	4.714	ng/ul	98
71) Pentachlorophenol	16.545	266	53878	6.612	ng/ul	92
72) Phenanthrene	16.933	178	281624	4.920	ng/ul	98
74) Anthracene	17.022	178	245352	4.198	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	12.922	216	62354	4.316	ng/uL	95
76) Pentachlorobenzene	14.463	250	69465	4.723	ng/uL	97
77) Carbazole	17.298	167	248794	4.625	ng/ul	98
78) Di-n-butylphthalate	17.886	149	302081	4.418	ng/ul	100
80) Fluoranthene	18.963	202	328195	4.527	ng/ul	99
82) Pyrene	19.327	202	354773	4.552	ng/ul	97
83) Butylbenzylphthalate	20.263	149	142914	4.089	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.051	252	117073	4.683	ng/ul	98
85) Benzo(a)anthracene	21.116	228	375034	4.726	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.074	149	220265	4.305	ng/ul	99
87) Chrysene	21.169	228	354988	4.688	ng/ul	99
89) Di-n-octyl phthalate	22.139	149	351566	4.070	ng/ul	100
90) Benzo(b)fluoranthene	23.039	252	391371	4.944	ng/ul	98
91) Benzo(k)fluoranthene	23.098	252	386131	4.945	ng/ul	98
93) Benzo(a)pyrene	23.780	252	374048	5.002	ng/ul	96
94) Indeno(1,2,3-cd)pyrene	26.986	276	478712	5.167	ng/ul	97
95) Dibenzo(a,h)anthracene	27.051	278	394726	5.271	ng/ul	99
96) Benzo(g,h,i)perylene	27.951	276	387301	5.385	ng/ul	99

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

