

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN030922\
 Data File : BN018885.D
 Acq On : 09 Mar 2022 15:30
 Operator : CG/JU
 Sample : N1331-03
 Misc : SFAM-MDL-SOIL01
 ALS Vial : 6 Sample Multiplier: 1

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

Quant Time: Mar 09 16:09:10 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN030822.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Mar 08 14:15:20 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.899	152	131869	20.000	ng/u1	0.00
20) Naphthalene-d8	10.710	136	621380	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.539	164	436806	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.275	188	947852	20.000	ng/u1	0.00
79) Chrysene-d12	21.457	240	1049649	20.000	ng/u1	0.00
88) Perylene-d12	23.851	264	1107222	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.269	96	17844	5.412	ng/uL	0.00
4) Pyridine-d5	3.687	84	223226	22.127	ng/u1	0.00
7) Phenol-d5	7.052	99	295144	22.925	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.222	67	193884	25.003	ng/u1	0.00
11) 2-Chlorophenol-d4	7.428	132	228074	24.720	ng/u1	0.00
15) 4-Methylphenol-d8	8.604	113	246200	23.518	ng/u1	0.00
21) Nitrobenzene-d5	9.057	128	116541	24.417	ng/u1	0.00
24) 2-Nitrophenol-d4	9.787	143	129433	24.682	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.322	165	239463	23.872	ng/u1	0.00
31) 4-Chloroaniline-d4	10.834	131	360151	23.843	ng/u1	0.00
46) Dimethylphthalate-d6	13.939	166	836403	25.291	ng/u1	0.00
49) Acenaphthylene-d8	14.234	160	1016627	24.696	ng/u1	0.00
54) 4-Nitrophenol-d4	14.716	143	150065	22.406	ng/u1	0.00
60) Fluorene-d10	15.528	176	724117	25.189	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.639	200	125613	21.384	ng/u1	0.00
73) Anthracene-d10	17.375	188	1162933	25.651	ng/u1	0.00
81) Pyrene-d10	19.669	212	1396169	24.579	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.698	264	1477609	25.606	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.305	88	3511	0.981	ng/uL#	85
5) Pyridine	3.711	79	41250	3.964	ng/u1#	65
6) Benzaldehyde	7.028	77	32176	4.908	ng/u1	98
8) Phenol	7.081	94	54132	4.019	ng/u1	96
10) Bis(2-Chloroethyl)ether	7.316	93	44564	4.289	ng/u1	96
12) 2-Chlorophenol	7.457	128	39829	4.071	ng/u1	90
13) 2-Methylphenol	8.340	108	37439	3.723	ng/u1	97
14) 2,2'-oxybis(1-Chloropr...	8.434	45	64738	4.364	ng/u1	98
16) Acetophenone	8.722	105	66099	4.074	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.704	70	33237	4.020	ng/u1	99
18) 4-Methylphenol	8.663	108	44702	3.975	ng/u1	98
19) Hexachloroethane	8.987	117	15369	4.026	ng/u1	94
22) Nitrobenzene	9.099	77	52012	4.199	ng/u1	95
23) Isophorone	9.628	82	86534	3.655	ng/u1	99
25) 2-Nitrophenol	9.816	139	23750	4.075	ng/u1	98
26) 2,4-Dimethylphenol	9.875	107	50983	4.028	ng/u1	97
27) Bis(2-Chloroethoxy)met...	10.110	93	61039	4.085	ng/u1	98
29) 2,4-Dichlorophenol	10.351	162	42170	4.132	ng/u1	92
30) Naphthalene	10.757	128	145674	4.254	ng/u1	99
32) 4-Chloroaniline	10.857	127	65227	4.162	ng/u1	98
33) Hexachlorobutadiene	11.057	225	26853	4.188	ng/u1	98
34) Caprolactam	11.616	113	13354	3.598	ng/u1	94
35) 4-Chloro-3-methylphenol	11.981	107	43842	3.668	ng/u1	95
36) 2-Methylnaphthalene	12.369	142	102874	4.273	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.587	142	100322	4.035	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.740	216	56486	4.230	ng/ul	97
40) Hexachlorocyclopentadiene	12.722	237	26227	3.343	ng/ul	98
41) 2,4,6-Trichlorophenol	12.975	196	29345	3.399	ng/ul	96
42) 2,4,5-Trichlorophenol	13.040	196	32833	3.443	ng/ul	97
43) 1,1'-Biphenyl	13.375	154	149965	4.368	ng/ul	99
44) 2-Chloronaphthalene	13.416	162	114082	4.315	ng/ul	99
45) 2-Nitroaniline	13.610	65	23774	3.017	ng/ul	91
47) Dimethylphthalate	13.986	163	145363	4.287	ng/ul	98
48) 2,6-Dinitrotoluene	14.104	165	20746	3.193	ng/ul#	91
50) Acenaphthylene	14.257	152	187761	4.361	ng/ul	99
51) 3-Nitroaniline	14.428	138	23716	3.768	ng/ul	97
52) Acenaphthene	14.598	153	122274	4.339	ng/ul	99
53) 2,4-Dinitrophenol	14.639	184	20130	4.846	ng/ul	94
55) 4-Nitrophenol	14.728	109	22631	3.924	ng/ul	92
56) Dibenzofuran	14.934	168	181883	4.468	ng/ul	97
57) 2,4-Dinitrotoluene	14.886	165	35148	3.594	ng/ul	93
58) 2,3,4,6-Tetrachlorophenol	15.163	232	28063	3.578	ng/ul	98
59) Diethylphthalate	15.351	149	135454	4.014	ng/ul	99
61) Fluorene	15.581	166	146210	4.562	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.575	204	71235	4.512	ng/ul	99
63) 4-Nitroaniline	15.586	138	24463	4.174	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.651	198	22260	3.719	ng/ul#	82
67) N-Nitrosodiphenylamine	15.786	169	120246	4.254	ng/ul	95
68) 4-Bromophenyl-phenylether	16.469	248	40149	4.109	ng/ul	98
69) Hexachlorobenzene	16.592	284	48936	4.368	ng/ul	96
70) Atrazine	16.728	200	43045	4.065	ng/ul	97
71) Pentachlorophenol	16.928	266	26590	3.809	ng/ul	97
72) Phenanthrene	17.316	178	243385	4.507	ng/ul	99
74) Anthracene	17.410	178	243499	4.522	ng/ul	97
75) 1,2,3,4-Tetrachloroben...	13.339	216	55616	3.795	ng/uL	98
76) Pentachlorobenzene	14.863	250	58683	4.425	ng/uL	94
77) Carbazole	17.675	167	206845	4.254	ng/ul	99
78) Di-n-butylphthalate	18.245	149	197179	3.609	ng/ul	99
80) Fluoranthene	19.333	202	286053	4.254	ng/ul	99
82) Pyrene	19.692	202	305069	4.441	ng/ul	96
83) Butylbenzylphthalate	20.592	149	81815	3.129	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.368	252	99357	4.368	ng/ul	99
85) Benzo(a)anthracene	21.439	228	306956	4.328	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.368	149	132697	3.372	ng/ul	97
87) Chrysene	21.492	228	306595	4.464	ng/ul	99
89) Di-n-octyl phthalate	22.286	149	216896	3.126	ng/ul	100
90) Benzo(b)fluoranthene	23.115	252	315768	4.216	ng/ul	98
91) Benzo(k)fluoranthene	23.163	252	317816	4.572	ng/ul	97
93) Benzo(a)pyrene	23.745	252	320660	4.423	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	26.327	276	343233	4.274	ng/ul	99
95) Dibenzo(a,h)anthracene	26.339	278	286547	4.024	ng/ul	99
96) Benzo(g,h,i)perylene	27.086	276	285344	3.993	ng/ul	96

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

