

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081721\
 Data File : BN015896.D
 Acq On : 17 Aug 2021 12:36
 Operator : CG/JU
 Sample : M2250-06
 Misc : SFAM-MDL-ME-SOIL-02
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MDL-MED-SOIL-QT3-2021-06

Manual Integrations
 APPROVED

mohammad
 8/19/2021 1:25:06 PM

Quant Time: Aug 17 13:07:54 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN081621MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Aug 17 09:43:53 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.905	152	288845	20.000	ng/u1	0.00
20) Naphthalene-d8	10.710	136	1190711	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.545	164	765077	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.298	188	1569072	20.000	ng/u1	0.00
79) Chrysene-d12	21.486	240	1569215	20.000	ng/u1	0.00
88) Perylene-d12	23.910	264	1512731	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.334	96	32491	4.382	ng/uL	0.00
4) Pyridine-d5	3.740	84	331840	16.012	ng/u1	0.00
7) Phenol-d5	7.052	99	576248	22.055	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.228	67	381576	23.720	ng/u1	0.00
11) 2-Chlorophenol-d4	7.428	132	454474	24.445	ng/u1	0.00
15) 4-Methylphenol-d8	8.604	113	455465	22.413	ng/u1	0.00
21) Nitrobenzene-d5	9.063	128	220014	25.105	ng/u1	0.00
24) 2-Nitrophenol-d4	9.787	143	219737	26.790	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.322	165	428181	24.124	ng/u1	0.00
31) 4-Chloroaniline-d4	10.846	131	612808	22.682	ng/u1	0.00
46) Dimethylphthalate-d6	13.957	166	1394082	24.863	ng/u1	0.00
49) Acenaphthylene-d8	14.239	160	1722232	24.526	ng/u1	0.00
54) 4-Nitrophenol-d4	14.728	143	213858	21.565	ng/u1	0.00
60) Fluorene-d10	15.539	176	1197860	24.491	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.651	200	177465	21.178	ng/u1	0.00
73) Anthracene-d10	17.398	188	1818845	24.731	ng/u1	0.00
81) Pyrene-d10	19.692	212	2068254	24.470	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.751	264	2115313	25.862	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.369	88	10585	1.389	ng/uL	95
5) Pyridine	3.764	79	83819	3.923	ng/u1#	70
6) Benzaldehyde	7.040	77	75118	5.588	ng/u1	96
8) Phenol	7.081	94	113451	4.259	ng/u1	94
10) Bis(2-Chloroethyl)ether	7.322	93	91378	4.379	ng/u1	99
12) 2-Chlorophenol	7.463	128	88523	4.632	ng/u1	97
13) 2-Methylphenol	8.340	108	82512	4.229	ng/u1	95
14) 2,2'-oxybis(1-Chloropr...	8.434	45	116526	4.373	ng/u1	97
16) Acetophenone	8.728	105	145377	4.433	ng/u1	96
17) N-Nitroso-di-n-propyla...	8.710	70	68471	4.276	ng/u1#	96
18) 4-Methylphenol	8.663	108	89430	4.283	ng/u1	95
19) Hexachloroethane	8.987	117	40385	4.654	ng/u1	91
22) Nitrobenzene	9.104	77	114662	4.627	ng/u1	95
23) Isophorone	9.628	82	180139	4.178	ng/u1	97
25) 2-Nitrophenol	9.816	139	44424	4.967	ng/u1	99
26) 2,4-Dimethylphenol	9.881	107	108941	4.560	ng/u1	92
27) Bis(2-Chloroethoxy)met...	10.122	93	118025	4.457	ng/u1	95
29) 2,4-Dichlorophenol	10.351	162	83615	4.778	ng/u1	89
30) Naphthalene	10.763	128	294000	4.610	ng/u1	99
32) 4-Chloroaniline	10.869	127	121912	4.571	ng/u1	98
33) Hexachlorobutadiene	11.051	225	64509	4.798	ng/u1	95
34) Caprolactam	11.634	113	20648m	3.766	ng/u1	
35) 4-Chloro-3-methylphenol	11.987	107	90120	4.348	ng/u1	99
36) 2-Methylnaphthalene	12.375	142	208294	4.697	ng/u1	93

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.593	142	210318	4.765	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.740	216	114901	4.642	ng/ul	94
40) Hexachlorocyclopentadiene	12.728	237	67840	4.228	ng/ul	95
41) 2,4,6-Trichlorophenol	12.981	196	58354	4.312	ng/ul	96
42) 2,4,5-Trichlorophenol	13.045	196	65164	4.410	ng/ul	90
43) 1,1'-Biphenyl	13.387	154	271331	4.586	ng/ul	96
44) 2-Chloronaphthalene	13.422	162	208759	4.570	ng/ul	97
45) 2-Nitroaniline	13.622	65	53010	4.095	ng/ul	99
47) Dimethylphthalate	14.004	163	261487	4.704	ng/ul	99
48) 2,6-Dinitrotoluene	14.122	165	41575	4.130	ng/ul	90
50) Acenaphthylene	14.269	152	310270	4.648	ng/ul	99
51) 3-Nitroaniline	14.445	138	43054	3.978	ng/ul#	98
52) Acenaphthene	14.610	153	223121	4.621	ng/ul	97
53) 2,4-Dinitrophenol	14.651	184	24651	4.407	ng/ul	97
55) 4-Nitrophenol	14.739	109	40951	4.220	ng/ul	96
56) Dibenzofuran	14.945	168	312130	4.676	ng/ul	97
57) 2,4-Dinitrotoluene	14.904	165	59031	4.072	ng/ul#	85
58) 2,3,4,6-Tetrachlorophenol	15.175	232	55594	4.547	ng/ul	95
59) Diethylphthalate	15.369	149	246633	4.437	ng/ul	97
61) Fluorene	15.598	166	250393	4.597	ng/ul	97
62) 4-Chlorophenyl-phenyle...	15.592	204	131124	4.616	ng/ul	97
63) 4-Nitroaniline	15.604	138	46400	4.474	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.663	198	34418	4.130	ng/ul#	73
67) N-Nitrosodiphenylamine	15.804	169	215515	4.706	ng/ul	97
68) 4-Bromophenyl-phenylether	16.486	248	78989	4.691	ng/ul	97
69) Hexachlorobenzene	16.604	284	97156	4.938	ng/ul	93
70) Atrazine	16.751	200	68224	4.107	ng/ul	95
71) Pentachlorophenol	16.945	266	40529	3.672	ng/ul	92
72) Phenanthrene	17.339	178	399919	4.688	ng/ul	99
74) Anthracene	17.428	178	407248	4.676	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.345	216	109482	4.430	ng/ul	99
76) Pentachlorobenzene	14.869	250	108330	4.503	ng/ul	95
77) Carbazole	17.698	167	343275	4.483	ng/ul	99
78) Di-n-butylphthalate	18.269	149	367380	4.220	ng/ul	98
80) Fluoranthene	19.357	202	444353	4.345	ng/ul	99
82) Pyrene	19.722	202	481289	4.522	ng/ul	96
83) Butylbenzylphthalate	20.622	149	135629	3.789	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.404	252	136152	4.237	ng/ul	98
85) Benzo(a)anthracene	21.469	228	467226	4.628	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.404	149	227257	4.004	ng/ul	95
87) Chrysene	21.521	228	448273	4.586	ng/ul	99
89) Di-n-octyl phthalate	22.339	149	341436	3.566	ng/ul	100
90) Benzo(b)fluoranthene	23.168	252	465670	4.682	ng/ul	98
91) Benzo(k)fluoranthene	23.215	252	442473	4.468	ng/ul	97
93) Benzo(a)pyrene	23.798	252	405747	4.507	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.415	276	509039	4.560	ng/ul	98
95) Dibenzo(a,h)anthracene	26.433	278	426934	4.633	ng/ul	95
96) Benzo(g,h,i)perylene	27.186	276	418360	4.533	ng/ul	96

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

