

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN030723\
 Data File : BN024141.D
 Acq On : 07 Mar 2023 12:37
 Operator : CG/JU
 Sample : 01378-06
 Misc : SFAM-MDL-ME-SOIL-02
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MDL-MED-SOIL-QT1-2023-02

Quant Time: Mar 08 03:04:57 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN030323.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Mar 07 04:27:04 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 03/08/2023
 Supervised By :Jagrut Upadhyay 03/08/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.057	152	298099	20.000	ng/u1	0.00
20) Naphthalene-d8	10.881	136	1281022	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.692	164	760817	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.439	188	1572765	20.000	ng/u1	0.00
79) Chrysene-d12	21.639	240	1455773	20.000	ng/u1	0.00
88) Perylene-d12	24.151	264	1444813	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.405	96	37822	4.949	ng/uL	0.00
4) Pyridine-d5	3.834	84	360032	17.027	ng/u1	0.00
7) Phenol-d5	7.199	99	521337	19.497	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.381	67	338897	19.792	ng/u1	0.00
11) 2-Chlorophenol-d4	7.581	132	403997	19.674	ng/u1	0.00
15) 4-Methylphenol-d8	8.757	113	392298	18.455	ng/u1	0.00
21) Nitrobenzene-d5	9.228	128	167449	20.139	ng/u1	0.00
24) 2-Nitrophenol-d4	9.951	143	182914	20.174	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.493	165	369607	18.891	ng/u1	0.00
31) 4-Chloroaniline-d4	11.010	131	546668	18.728	ng/u1	0.00
46) Dimethylphthalate-d6	14.098	166	1131003	19.262	ng/u1	0.00
49) Acenaphthylene-d8	14.392	160	1311410	19.188	ng/u1	0.00
54) 4-Nitrophenol-d4	14.869	143	185731	16.554	ng/u1	0.00
60) Fluorene-d10	15.686	176	965578	19.567	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.792	200	124148	14.651	ng/u1	0.00
73) Anthracene-d10	17.539	188	1352157	18.229	ng/u1	0.00
81) Pyrene-d10	19.827	212	1609632	18.919	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.986	264	1461339	20.346	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.446	88	11197	1.353	ng/uL	97
5) Pyridine	3.858	79	94779	4.330	ng/u1	88
6) Benzaldehyde	7.187	77	67755m	5.216	ng/u1	
8) Phenol	7.228	94	134968	4.869	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.475	93	109075	4.856	ng/u1	98
12) 2-Chlorophenol	7.616	128	101332	4.753	ng/u1	100
13) 2-Methylphenol	8.493	108	95518	4.582	ng/u1	100
14) 2,2'-oxybis(1-Chloropr...	8.593	45	176172	4.944	ng/u1	99
16) Acetophenone	8.887	105	175599	5.321	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.869	70	78367	4.837	ng/u1	98
18) 4-Methylphenol	8.822	108	110934	4.835	ng/u1	97
19) Hexachloroethane	9.152	117	38611	4.612	ng/u1	98
22) Nitrobenzene	9.269	77	117499	5.220	ng/u1	97
23) Isophorone	9.793	82	240174	4.882	ng/u1	100
25) 2-Nitrophenol	9.981	139	53424	5.129	ng/u1	99
26) 2,4-Dimethylphenol	10.034	107	92677	3.904	ng/u1	96
27) Bis(2-Chloroethoxy)met...	10.281	93	151221	4.951	ng/u1	96
29) 2,4-Dichlorophenol	10.516	162	97835	4.954	ng/u1	96
30) Naphthalene	10.928	128	358669	5.088	ng/u1	99
32) 4-Chloroaniline	11.034	127	146360	4.972	ng/u1	99
33) Hexachlorobutadiene	11.216	225	57213	4.754	ng/u1	95
34) Caprolactam	11.810	113	33410m	4.961	ng/u1	
35) 4-Chloro-3-methylphenol	12.146	107	103217	4.745	ng/u1	96
36) 2-Methylnaphthalene	12.534	142	237219	5.111	ng/u1	98

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37) 1-Methylnaphthalene	12.751	142	189847	4.081	ng/u1	97
39) 1,2,4,5-Tetrachloroben...	12.893	216	119897	5.237	ng/u1	96
40) Hexachlorocyclopentadiene	12.875	237	52506	4.255	ng/u1	97
41) 2,4,6-Trichlorophenol	13.128	196	71022	4.735	ng/u1	92
42) 2,4,5-Trichlorophenol	13.193	196	77277	4.784	ng/u1	95
43) 1,1'-Biphenyl	13.534	154	316564	5.223	ng/u1	97
44) 2-Chloronaphthalene	13.575	162	247127	5.234	ng/u1	100
45) 2-Nitroaniline	13.775	65	37739	3.668	ng/u1	91
47) Dimethylphthalate	14.145	163	301750	5.099	ng/u1	99
48) 2,6-Dinitrotoluene	14.263	165	28946	3.323	ng/u1	98
50) Acenaphthylene	14.416	152	384367	5.219	ng/u1	99
51) 3-Nitroaniline	14.592	138	38301	3.617	ng/u1#	95
52) Acenaphthene	14.757	153	260799	5.191	ng/u1	99
53) 2,4-Dinitrophenol	14.792	184	28555	4.735	ng/u1	94
55) 4-Nitrophenol	14.881	109	39077	4.572	ng/u1	97
56) Dibenzofuran	15.092	168	367865	5.212	ng/u1	96
57) 2,4-Dinitrotoluene	15.045	165	53961	3.930	ng/u1	97
58) 2,3,4,6-Tetrachlorophenol	15.316	232	62871	4.528	ng/u1#	98
59) Diethylphthalate	15.510	149	287274	4.870	ng/u1	97
61) Fluorene	15.739	166	302965	5.479	ng/u1	99
62) 4-Chlorophenyl-phenyle...	15.734	204	141133	5.338	ng/u1	98
63) 4-Nitroaniline	15.751	138	40784m	3.983	ng/u1	
66) 4,6-Dinitro-2-methylph...	15.804	198	38947	4.544	ng/u1#	86
67) N-Nitrosodiphenylamine	15.945	169	239663	5.146	ng/u1	96
68) 4-Bromophenyl-phenylether	16.628	248	78336	5.010	ng/u1	96
69) Hexachlorobenzene	16.745	284	96872	5.093	ng/u1	96
70) Atrazine	16.892	200	70577	4.477	ng/u1	99
71) Pentachlorophenol	17.081	266	51618	4.386	ng/u1	99
72) Phenanthrene	17.481	178	463110	5.315	ng/u1	98
74) Anthracene	17.575	178	439331	5.001	ng/u1	100
75) 1,2,3,4-Tetrachloroben...	13.498	216	94074	4.104	ng/uL	99
76) Pentachlorobenzene	15.010	250	85716	3.838	ng/uL	92
77) Carbazole	17.839	167	401516	5.104	ng/u1	99
78) Di-n-butylphthalate	18.410	149	443764	4.739	ng/u1	99
80) Fluoranthene	19.492	202	509193	5.148	ng/u1	97
82) Pyrene	19.857	202	558970	5.357	ng/u1	100
83) Butylbenzylphthalate	20.763	149	113622	4.276	ng/u1	97
84) 3,3'-Dichlorobenzidine	21.551	252	99587	3.549	ng/u1	91
85) Benzo(a)anthracene	21.621	228	498364	4.911	ng/u1	99
86) Bis(2-ethylhexyl)phtha...	21.545	149	190330	4.316	ng/u1#	98
87) Chrysene	21.674	228	487765	5.022	ng/u1	94
89) Di-n-octyl phthalate	22.516	149	296444	3.836	ng/u1	100
90) Benzo(b)fluoranthene	23.380	252	470710	5.175	ng/u1	99
91) Benzo(k)fluoranthene	23.427	252	477617	5.309	ng/u1	97
93) Benzo(a)pyrene	24.039	252	430382	5.343	ng/u1	97
94) Indeno(1,2,3-cd)pyrene	26.768	276	484355m	4.774	ng/u1	
95) Dibenzo(a,h)anthracene	26.798	278	386021m	4.673	ng/u1	
96) Benzo(g,h,i)perylene	27.580	276	385686m	4.608	ng/u1	

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

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