

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN011724\
 Data File : BN029267.D
 Acq On : 17 Jan 2024 12:11
 Operator : MA/JU
 Sample : 02215-06
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MDL-MED-SOIL-QT2-2023-04

Quant Time: Jan 17 12:39:51 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN011524.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jan 16 03:57:40 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 01/18/2024
 Supervised By :Sohil Jodhani 01/18/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.940	152	128153	20.000	ng/u1	0.00
20) Naphthalene-d8	10.746	136	584077	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.581	164	398158	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.333	188	898588	20.000	ng/u1	0.00
79) Chrysene-d12	21.533	240	894466	20.000	ng/u1	0.00
88) Perylene-d12	23.945	264	1054663	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.369	96	14921	4.808	ng/uL	0.00
4) Pyridine-d5	3.781	84	213453	22.302	ng/u1	0.00
7) Phenol-d5	7.099	99	247511	20.130	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.281	67	164804	21.251	ng/u1	0.00
11) 2-Chlorophenol-d4	7.469	132	190414	21.892	ng/u1	0.00
15) 4-Methylphenol-d8	8.652	113	201058	20.281	ng/u1	0.00
21) Nitrobenzene-d5	9.110	128	97737	23.066	ng/u1	0.00
24) 2-Nitrophenol-d4	9.828	143	79475	22.616	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.363	165	181380	20.736	ng/u1	0.00
31) 4-Chloroaniline-d4	10.887	131	308397	19.481	ng/u1	0.00
46) Dimethylphthalate-d6	14.004	166	700757	21.381	ng/u1	0.00
49) Acenaphthylene-d8	14.275	160	773770	20.964	ng/u1	0.00
54) 4-Nitrophenol-d4	14.775	143	104836	18.379	ng/u1	0.00
60) Fluorene-d10	15.575	176	598529	21.428	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.692	200	62180	16.454	ng/u1	0.00
73) Anthracene-d10	17.433	188	934695	20.692	ng/u1	0.00
81) Pyrene-d10	19.727	212	1130074	22.736	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.786	264	1212762	22.311	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.405	88	3761m	1.195	ng/uL	
5) Pyridine	3.805	79	41062	4.199	ng/u1#	76
6) Benzaldehyde	7.087	77	34198	6.197	ng/u1	95
8) Phenol	7.128	94	49469	3.959	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.375	93	42740	4.214	ng/u1	99
12) 2-Chlorophenol	7.499	128	38329	4.233	ng/u1	95
13) 2-Methylphenol	8.381	108	35289	3.707	ng/u1	94
14) 2,2'-oxybis(1-Chloropr...	8.469	45	55367	4.269	ng/u1	99
16) Acetophenone	8.769	105	69064	4.111	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.757	70	36641	4.144	ng/u1	98
18) 4-Methylphenol	8.710	108	40404	3.944	ng/u1	95
19) Hexachloroethane	9.016	117	17418	4.237	ng/u1	97
22) Nitrobenzene	9.152	77	54186	4.625	ng/u1	99
23) Isophorone	9.675	82	98043	3.937	ng/u1	97
25) 2-Nitrophenol	9.857	139	17986	4.371	ng/u1	95
26) 2,4-Dimethylphenol	9.916	107	44760	4.069	ng/u1	99
27) Bis(2-Chloroethoxy)met...	10.169	93	60645	4.327	ng/u1	96
29) 2,4-Dichlorophenol	10.387	162	36345	4.225	ng/u1	98
30) Naphthalene	10.793	128	145104	4.357	ng/u1	98
32) 4-Chloroaniline	10.910	127	62276	4.044	ng/u1	96
33) Hexachlorobutadiene	11.069	225	25351	4.175	ng/u1	91
34) Caprolactam	11.698	113	13466	3.862	ng/u1	87
35) 4-Chloro-3-methylphenol	12.028	107	40121	3.931	ng/u1	95
36) 2-Methylnaphthalene	12.404	142	98710	4.238	ng/u1	97

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN011724\
 Data File : BN029267.D
 Acq On : 17 Jan 2024 12:11
 Operator : MA/JU
 Sample : 02215-06
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MDL-MED-SOIL-QT2-2023-04

Quant Time: Jan 17 12:39:51 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN011524.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jan 16 03:57:40 2024
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 01/18/2024
 Supervised By :Sohil Jodhani 01/18/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.622	142	103019	4.458	ng/ul	95
39) 1,2,4,5-Tetrachloroben...	12.763	216	52333	4.217	ng/ul#	92
40) Hexachlorocyclopentadiene	12.740	237	32051	3.858	ng/ul#	90
41) 2,4,6-Trichlorophenol	13.010	196	23820	3.464	ng/ul	95
42) 2,4,5-Trichlorophenol	13.075	196	29501	3.822	ng/ul	99
43) 1,1'-Biphenyl	13.416	154	135181	4.213	ng/ul	99
44) 2-Chloronaphthalene	13.457	162	105068	4.192	ng/ul	99
45) 2-Nitroaniline	13.663	65	25481	3.835	ng/ul	95
47) Dimethylphthalate	14.045	163	142198	4.261	ng/ul	99
48) 2,6-Dinitrotoluene	14.169	165	19606	3.633	ng/ul	98
50) Acenaphthylene	14.304	152	178517	4.169	ng/ul	99
51) 3-Nitroaniline	14.492	138	22040	3.760	ng/ul	98
52) Acenaphthene	14.645	153	119011	4.234	ng/ul	99
53) 2,4-Dinitrophenol	14.698	184	10128	4.392	ng/ul	91
55) 4-Nitrophenol	14.792	109	24449	4.679	ng/ul	99
56) Dibenzofuran	14.981	168	161099	4.237	ng/ul	99
57) 2,4-Dinitrotoluene	14.951	165	30685	3.883	ng/ul	94
58) 2,3,4,6-Tetrachlorophenol	15.198	232	20695	3.249	ng/ul	96
59) Diethylphthalate	15.416	149	138173	3.969	ng/ul	99
61) Fluorene	15.628	166	138164	4.196	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.634	204	67789	4.214	ng/ul	99
63) 4-Nitroaniline	15.651	138	23994	4.157	ng/ul	92
66) 4,6-Dinitro-2-methylph...	15.710	198	17175	3.947	ng/ul	93
67) N-Nitrosodiphenylamine	15.845	169	112387	4.125	ng/ul	99
68) 4-Bromophenyl-phenylether	16.528	248	29252	2.912	ng/ul	99
69) Hexachlorobenzene	16.622	284	49377	4.085	ng/ul#	88
70) Atrazine	16.804	200	44122	4.265	ng/ul	96
71) Pentachlorophenol	16.975	266	24557	3.760	ng/ul	95
72) Phenanthrene	17.375	178	217148	4.165	ng/ul	99
74) Anthracene	17.463	178	214184	3.956	ng/ul	97
75) 1,2,3,4-Tetrachloroben...	13.375	216	49661	4.087	ng/ul	89
76) Pentachlorobenzene	14.887	250	58682	4.666	ng/ul	97
77) Carbazole	17.739	167	192816	3.851	ng/ul	100
78) Di-n-butylphthalate	18.322	149	213043	3.490	ng/ul	100
80) Fluoranthene	19.392	202	249255	4.244	ng/ul	98
82) Pyrene	19.757	202	279431	4.480	ng/ul	99
83) Butylbenzylphthalate	20.680	149	81759	3.352	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.451	252	84539	4.074	ng/ul	96
85) Benzo(a)anthracene	21.516	228	287442	4.361	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.468	149	137176	3.406	ng/ul	99
87) Chrysene	21.569	228	259268	4.253	ng/ul	100
89) Di-n-octyl phthalate	22.416	149	203901	2.743	ng/ul	100
90) Benzo(b)fluoranthene	23.210	252	275922	4.126	ng/ul	97
91) Benzo(k)fluoranthene	23.257	252	273122	4.098	ng/ul	98
93) Benzo(a)pyrene	23.839	252	264845	4.176	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.439	276	306039	3.813	ng/ul	99
95) Dibenzo(a,h)anthracene	26.468	278	259387	3.875	ng/ul	96
96) Benzo(g,h,i)perylene	27.203	276	243961	3.806	ng/ul#	92

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

