

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG121420\
 Data File : BG047733.D
 Acq On : 14 Dec 2020 12:20
 Operator : CG/JU
 Sample : L4485-16
 Misc : ME-SOIL-02
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MDL-ME-SOIL-02

Quant Time: Dec 14 15:01:17 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG121120.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Dec 11 14:20:11 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.21	152	25292	20.00	ng/ul	0.00
20) Naphthalene-d8	11.03	136	101041	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.82	164	75259	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.56	188	199705	20.00	ng/ul	0.00
79) Chrysene-d12	21.84	240	234142	20.00	ng/ul	0.00
88) Perylene-d12	25.19	264	238280	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.53	96	2804m	4.88	ng/uL	0.00
4) Pyridine-d5	3.95	84	38153	23.38	ng/ul	0.00
7) Phenol-d5	7.34	99	68582	32.32	ng/ul	0.00
9) Bis-(2-Chloroethyl)ether-d	7.52	67	38070	34.05	ng/ul	0.00
11) 2-Chlorophenol-d4	7.73	132	52785	32.90	ng/ul	0.00
15) 4-Methylphenol-d8	8.90	113	55880	34.63	ng/ul	0.00
21) Nitrobenzene-d5	9.37	128	26884	31.62	ng/ul	0.00
24) 2-Nitrophenol-d4	10.10	143	31596	32.65	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.64	165	60776	29.73	ng/ul	0.00
31) 4-Chloroaniline-d4	11.16	131	73068	30.71	ng/ul	0.00
46) Dimethylphthalate-d6	14.22	166	209670	33.76	ng/ul	0.00
49) Acenaphthylene-d8	14.52	160	253139	35.64	ng/ul	0.00
54) 4-Nitrophenol-d4	14.99	143	30225	31.95	ng/ul	0.00
60) Fluorene-d10	15.81	176	191914	33.10	ng/ul	0.00
65) 4,6-Dinitro-2-methylphenol	15.92	200	41061	30.04	ng/ul	0.00
73) Anthracene-d10	17.66	188	314467	32.39	ng/ul	0.00
81) Pyrene-d10	19.93	212	403868	31.86	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.96	264	404012	30.21	ng/ul	0.00

Target Compounds

				Ovalue	
2) 1,4-Dioxane	3.56	88	489	0.824	ng/uL# 81
5) Pyridine	3.98	79	4252m	2.778	ng/ul
6) Benzaldehyde	7.34	77	5280m	5.416	ng/ul
8) Phenol	7.37	94	5938	2.848	ng/ul# 93
10) Bis(2-Chloroethyl)ether	7.61	93	4281	2.952	ng/ul# 85
12) 2-Chlorophenol	7.77	128	4657	2.926	ng/ul# 90
13) 2-Methylphenol	8.63	108	4262	2.687	ng/ul 90
14) 2,2'-oxybis(1-Chloropropan	8.74	45	3317	2.458	ng/ul 93
16) Acetophenone	9.03	105	7673	2.831	ng/ul 98
17) N-Nitroso-di-n-propylamine	9.01	70	3887	2.612	ng/ul# 85
18) 4-Methylphenol	8.97	108	4991	2.867	ng/ul 95
19) Hexachloroethane	9.30	117	2440	3.130	ng/ul# 81
22) Nitrobenzene	9.41	77	7262m	2.869	ng/ul
23) Isophorone	9.94	82	11618	2.642	ng/ul# 93
25) 2-Nitrophenol	10.14	139	3208	3.172	ng/ul# 84
26) 2,4-Dimethylphenol	10.18	107	6367	2.682	ng/ul 96
27) Bis(2-Chloroethoxy)methane	10.41	93	4948	2.358	ng/ul# 72
29) 2,4-Dichlorophenol	10.66	162	5159	2.751	ng/ul# 85
30) Naphthalene	11.08	128	15265	2.734	ng/ul# 95
32) 4-Chloroaniline	11.18	127	5791	2.546	ng/ul 96
33) Hexachlorobutadiene	11.37	225	5573	2.767	ng/ul# 77
34) Caprolactam	11.95	113	1544	2.430	ng/ul# 80

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG121420\
 Data File : BG047733.D
 Acq On : 14 Dec 2020 12:20
 Operator : CG/JU
 Sample : L4485-16
 Misc : ME-SOIL-02
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MDL-ME-SOIL-02

Quant Time: Dec 14 15:01:17 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG121120.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Dec 11 14:20:11 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 4-Chloro-3-methylphenol	12.28	107	4820	2.332	ng/ul#	72
36) 2-Methylnaphthalene	12.67	142	11687	2.774	ng/ul	97
37) 1-Methylnaphthalene	12.89	142	11793	2.930	ng/ul#	88
39) 1,2,4,5-Tetrachlorobenzene	13.03	216	8558	2.761	ng/ul#	81
40) Hexachlorocyclopentadiene	13.01	237	4045	1.991	ng/ul#	97
41) 2,4,6-Trichlorophenol	13.26	196	5141	2.766	ng/ul#	87
42) 2,4,5-Trichlorophenol	13.33	196	5259m	2.672	ng/ul	
43) 1,1'-Biphenyl	13.66	154	17043	2.932	ng/ul#	98
44) 2-Chloronaphthalene	13.71	162	12611	2.756	ng/ul	96
45) 2-Nitroaniline	13.90	65	4172	2.654	ng/ul#	81
47) Dimethylphthalate	14.26	163	18237	2.866	ng/ul#	93
48) 2,6-Dinitrotoluene	14.38	165	3602	2.679	ng/ul#	86
50) Acenaphthylene	14.55	152	17328	2.589	ng/ul#	88
51) 3-Nitroaniline	14.71	138	3234	3.350	ng/ul	96
52) Acenaphthene	14.89	153	14161	2.977	ng/ul#	76
53) 2,4-Dinitrophenol	14.94	184	619	0.776	ng/ul	94
55) 4-Nitrophenol	15.01	109	4334	2.702	ng/ul#	85
56) Dibenzofuran	15.22	168	19566	2.840	ng/ul	96
57) 2,4-Dinitrotoluene	15.17	165	5918	3.071	ng/ul#	90
58) 2,3,4,6-Tetrachlorophenol	15.45	232	3721	2.041	ng/ul#	87
59) Diethylphthalate	15.62	149	17810	2.827	ng/ul	96
61) Fluorene	15.87	166	16658	2.813	ng/ul	93
62) 4-Chlorophenyl-phenylether	15.85	204	9604	2.593	ng/ul#	88
63) 4-Nitroaniline	15.86	138	3698	4.074	ng/ul#	83
66) 4,6-Dinitro-2-methylphenol	15.93	198	3915m	2.822	ng/ul	
67) N-Nitrosodiphenylamine	16.06	169	14728	2.650	ng/ul#	85
68) 4-Bromophenyl-phenylether	16.74	248	6597	2.573	ng/ul#	84
69) Hexachlorobenzene	16.87	284	7999	2.842	ng/ul#	85
70) Atrazine	16.99	200	6566	2.480	ng/ul#	90
71) Pentachlorophenol	17.22	266	829	0.627	ng/ul#	78
72) Phenanthrene	17.60	178	30043	2.771	ng/ul	97
74) Anthracene	17.70	178	28164	2.600	ng/ul	96
75) 1,2,3,4-Tetrachlorobenzene	13.64	216	7802	2.411	ng/uL#	73
76) Pentachlorobenzene	15.14	250	8415	2.665	ng/uL#	86
77) Carbazole	17.96	167	25412	2.878	ng/ul	94
78) Di-n-butylphthalate	18.50	149	28329	2.616	ng/ul#	94
80) Fluoranthene	19.60	202	43438	2.707	ng/ul#	96
82) Pyrene	19.96	202	43726	2.760	ng/ul#	96
83) Butylbenzylphthalate	20.82	149	13925	2.520	ng/ul	90
84) 3,3'-Dichlorobenzidine	21.72	252	16962	2.942	ng/ul#	93
85) Benzo(a)anthracene	21.82	228	44823	2.712	ng/ul	95
86) Bis(2-ethylhexyl)phthalate	21.70	149	20251	2.658	ng/ul	92
87) Chrysene	21.89	228	42866	2.733	ng/ul	100
89) Di-n-octyl phthalate	22.96	149	32449	2.588	ng/ul	100
90) Benzo(b)fluoranthene	24.11	252	44416	2.667	ng/ul#	97
91) Benzo(k)fluoranthene	24.19	252	47405	2.881	ng/ul#	89
93) Benzo(a)pyrene	25.04	252	40701	2.771	ng/ul#	98
94) Indeno(1,2,3-cd)pyrene	29.02	276	46717m	2.570	ng/ul	
95) Dibenzo(a,h)anthracene	29.10	278	42337m	2.805	ng/ul	
96) Benzo(g,h,i)perylene	30.23	276	39431m	2.634	ng/ul	

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG121420\
Data File : BG047733.D
Acq On : 14 Dec 2020 12:20
Operator : CG/JU
Sample : L4485-16
Misc : ME-SOIL-02
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MDL-ME-SOIL-02

Quant Time: Dec 14 15:01:17 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG121120.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 11 14:20:11 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
--------------------	------	------	----------	------	-------	----------

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

