

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG121420\
 Data File : BG047735.D
 Acq On : 14 Dec 2020 13:41
 Operator : CG/JU
 Sample : L4485-17
 Misc : ME-SOIL-03
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MDL-ME-SOIL-03

Quant Time: Dec 14 15:16:29 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	27378	20.00	ng/ul	0.00
20) Naphthalene-d8	11.03	136	97325	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.82	164	75456	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.56	188	197660m	20.00	ng/ul	0.00
79) Chrysene-d12	21.84	240	242542m	20.00	ng/ul	0.00
88) Perylene-d12	25.19	264	245771	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.53	96	2791	4.49	ng/uL	0.01
4) Pyridine-d5	3.96	84	37057	20.98	ng/ul	0.00
7) Phenol-d5	7.34	99	68681	29.90	ng/ul	0.00
9) Bis-(2-Chloroethyl)ether-d	7.52	67	38349	31.69	ng/ul	0.00
11) 2-Chlorophenol-d4	7.73	132	50163	28.88	ng/ul	0.00
15) 4-Methylphenol-d8	8.90	113	55225	31.62	ng/ul	0.00
21) Nitrobenzene-d5	9.37	128	25118	30.67	ng/ul	0.00
24) 2-Nitrophenol-d4	10.10	143	30577	32.80	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.64	165	62623	31.80	ng/ul	0.00
31) 4-Chloroaniline-d4	11.16	131	72675	31.71	ng/ul	0.00
46) Dimethylphthalate-d6	14.22	166	208000	33.40	ng/ul	0.00
49) Acenaphthylene-d8	14.53	160	241955	33.97	ng/ul	0.00
54) 4-Nitrophenol-d4	15.00	143	29509	31.11	ng/ul	0.00
60) Fluorene-d10	15.81	176	182255	31.35	ng/ul	0.00
65) 4,6-Dinitro-2-methylphenol	15.92	200	38791	28.67	ng/ul	0.00
73) Anthracene-d10	17.66	188	315877	32.87	ng/ul	0.00
81) Pyrene-d10	19.93	212	400568	30.51	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.97	264	413605	29.99	ng/ul	0.00

Target Compounds

				Ovalue	
2) 1,4-Dioxane	3.56	88	669m	1.042	ng/uL
5) Pyridine	3.97	79	4971m	3.000	ng/ul
6) Benzaldehyde	7.33	77	5403	5.120	ng/ul# 59
8) Phenol	7.37	94	6616	2.932	ng/ul 90
10) Bis(2-Chloroethyl)ether	7.61	93	4492	2.862	ng/ul# 71
12) 2-Chlorophenol	7.77	128	5012	2.909	ng/ul# 68
13) 2-Methylphenol	8.63	108	5411	3.152	ng/ul# 65
14) 2,2'-oxybis(1-Chloropropan	8.71	45	4035m	2.762	ng/ul
16) Acetophenone	9.03	105	7700	2.624	ng/ul# 81
17) N-Nitroso-di-n-propylamine	9.01	70	4253	2.640	ng/ul# 90
18) 4-Methylphenol	8.96	108	5016	2.662	ng/ul# 76
19) Hexachloroethane	9.31	117	2572	3.048	ng/ul# 75
22) Nitrobenzene	9.41	77	6799	2.788	ng/ul# 91
23) Isophorone	9.94	82	12227	2.887	ng/ul# 89
25) 2-Nitrophenol	10.14	139	2632	2.702	ng/ul# 70
26) 2,4-Dimethylphenol	10.18	107	6341	2.773	ng/ul# 75
27) Bis(2-Chloroethoxy)methane	10.41	93	5512	2.727	ng/ul# 83
29) 2,4-Dichlorophenol	10.67	162	5173	2.864	ng/ul# 67
30) Naphthalene	11.08	128	14978	2.785	ng/ul# 94
32) 4-Chloroaniline	11.18	127	5961	2.721	ng/ul 100
33) Hexachlorobutadiene	11.36	225	5664	2.920	ng/ul# 75
34) Caprolactam	11.95	113	1490m	2.435	ng/ul

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 4-Chloro-3-methylphenol	12.27	107	5222m	2.623	ng/ul	
36) 2-Methylnaphthalene	12.67	142	11545	2.845	ng/ul	97
37) 1-Methylnaphthalene	12.89	142	10789	2.783	ng/ul#	96
39) 1,2,4,5-Tetrachlorobenzene	13.03	216	8342	2.684	ng/ul#	94
40) Hexachlorocyclopentadiene	13.02	237	4084m	2.004	ng/ul	
41) 2,4,6-Trichlorophenol	13.27	196	4951	2.657	ng/ul#	77
42) 2,4,5-Trichlorophenol	13.33	196	5553m	2.814	ng/ul	
43) 1,1'-Biphenyl	13.67	154	15058	2.584	ng/ul#	96
44) 2-Chloronaphthalene	13.71	162	14034	3.059	ng/ul#	83
45) 2-Nitroaniline	13.91	65	4427m	2.809	ng/ul	
47) Dimethylphthalate	14.27	163	17058	2.673	ng/ul	97
48) 2,6-Dinitrotoluene	14.39	165	3476	2.578	ng/ul#	88
50) Acenaphthylene	14.55	152	19128	2.851	ng/ul#	88
51) 3-Nitroaniline	14.73	138	2751m	2.842	ng/ul	
52) Acenaphthene	14.89	153	14026	2.941	ng/ul	87
53) 2,4-Dinitrophenol	14.94	184	529	0.661	ng/ul#	48
55) 4-Nitrophenol	15.01	109	4576	2.845	ng/ul#	77
56) Dibenzofuran	15.22	168	19026	2.754	ng/ul	93
57) 2,4-Dinitrotoluene	15.17	165	4788	2.478	ng/ul#	81
58) 2,3,4,6-Tetrachlorophenol	15.44	232	4273	2.338	ng/ul#	86
59) Diethylphthalate	15.61	149	17666	2.797	ng/ul	97
61) Fluorene	15.87	166	17748	2.989	ng/ul#	93
62) 4-Chlorophenyl-phenylether	15.85	204	11996	3.230	ng/ul#	93
63) 4-Nitroaniline	15.86	138	2664	2.927	ng/ul#	63
66) 4,6-Dinitro-2-methylphenol	15.92	198	3681m	2.681	ng/ul	
67) N-Nitrosodiphenylamine	16.06	169	14671	2.668	ng/ul#	85
68) 4-Bromophenyl-phenylether	16.75	248	7117	2.804	ng/ul	87
69) Hexachlorobenzene	16.86	284	6260	2.247	ng/ul	93
70) Atrazine	17.00	200	6946	2.651	ng/ul#	91
71) Pentachlorophenol	17.22	266	1228m	0.938	ng/ul	
72) Phenanthrene	17.60	178	30380m	2.831	ng/ul	
74) Anthracene	17.69	178	30472	2.842	ng/ul	96
75) 1,2,3,4-Tetrachlorobenzene	13.63	216	8535	2.664	ng/ul#	83
76) Pentachlorobenzene	15.14	250	8762	2.803	ng/ul#	84
77) Carbazole	17.96	167	24514m	2.805	ng/ul	
78) Di-n-butylphthalate	18.50	149	29030m	2.708	ng/ul	
80) Fluoranthene	19.60	202	43330m	2.607	ng/ul	
82) Pyrene	19.96	202	45026m	2.744	ng/ul	
83) Butylbenzylphthalate	20.82	149	15576	2.721	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.72	252	15795m	2.645	ng/ul	
85) Benzo(a)anthracene	21.82	228	46281m	2.703	ng/ul	
86) Bis(2-ethylhexyl)phthalate	21.70	149	21631m	2.741	ng/ul	
87) Chrysene	21.89	228	45572	2.805	ng/ul	96
89) Di-n-octyl phthalate	22.96	149	36221	2.800	ng/ul	100
90) Benzo(b)fluoranthene	24.11	252	49413	2.877	ng/ul#	98
91) Benzo(k)fluoranthene	24.19	252	47801	2.817	ng/ul#	98
93) Benzo(a)pyrene	25.03	252	40137	2.649	ng/ul#	98
94) Indeno(1,2,3-cd)pyrene	29.02	276	53491m	2.853	ng/ul	
95) Dibenzo(a,h)anthracene	29.10	278	44196	2.839	ng/ul	92
96) Benzo(g,h,i)perylene	30.22	276	44415m	2.877	ng/ul	

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

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

