

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG121620\
 Data File : BG047755.D
 Acq On : 16 Dec 2020 14:20
 Operator : CG/JU
 Sample : L4485-20
 Misc : ME-SOIL-06
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MDL-ME-SOIL-06

Manual Integrations
 APPROVED

mohammad
 12/17/2020 11:37:31 AM

Quant Time: Dec 16 15:00:53 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG121120.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Dec 16 10:08:44 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.20	152	29876	20.00	ng/ul	0.00
20) Naphthalene-d8	11.03	136	113667	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.82	164	87624	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.56	188	220824	20.00	ng/ul	0.00
79) Chrysene-d12	21.83	240	249803	20.00	ng/ul	0.00
88) Perylene-d12	25.18	264	260728	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.51	96	3333	4.91	ng/uL	0.00
4) Pyridine-d5	3.96	84	40813	21.17	ng/ul	0.00
7) Phenol-d5	7.34	99	84214	33.60	ng/ul	0.00
9) Bis-(2-Chloroethyl)ether-d	7.51	67	44963	34.05	ng/ul	0.00
11) 2-Chlorophenol-d4	7.73	132	61450	32.42	ng/ul	0.00
15) 4-Methylphenol-d8	8.90	113	65235	34.22	ng/ul	0.00
21) Nitrobenzene-d5	9.37	128	31150	32.57	ng/ul	0.00
24) 2-Nitrophenol-d4	10.10	143	35233	32.36	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.64	165	70243	30.55	ng/ul	0.00
31) 4-Chloroaniline-d4	11.15	131	84450	31.55	ng/ul	0.00
46) Dimethylphthalate-d6	14.21	166	240299	33.23	ng/ul	0.00
49) Acenaphthylene-d8	14.52	160	290943	35.18	ng/ul	0.00
54) 4-Nitrophenol-d4	14.99	143	36167	32.84	ng/ul	0.00
60) Fluorene-d10	15.81	176	217678	32.24	ng/ul	0.00
65) 4,6-Dinitro-2-methylphenol	15.92	200	45721	30.25	ng/ul	0.00
73) Anthracene-d10	17.66	188	361865	33.70	ng/ul	0.00
81) Pyrene-d10	19.93	212	453504	33.54	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.95	264	452307	30.91	ng/ul	0.00

Target Compounds

				Ovalue	
2) 1,4-Dioxane	3.55	88	235	0.335	ng/uL# 43
5) Pyridine	3.98	79	4261	2.357	ng/ul# 14
6) Benzaldehyde	7.33	77	5468	4.748	ng/ul# 79
8) Phenol	7.36	94	4653	1.889	ng/ul# 85
10) Bis(2-Chloroethyl)ether	7.60	93	4851	2.832	ng/ul# 86
12) 2-Chlorophenol	7.76	128	3619	1.925	ng/ul# 64
13) 2-Methylphenol	8.63	108	4381	2.338	ng/ul 85
14) 2,2'-oxybis(1-Chloropropan	8.71	45	4198m	2.633	ng/ul
16) Acetophenone	9.03	105	7789	2.433	ng/ul# 86
17) N-Nitroso-di-n-propylamine	9.00	70	4672	2.658	ng/ul# 77
18) 4-Methylphenol	8.96	108	4615m	2.245	ng/ul
19) Hexachloroethane	9.30	117	2255	2.449	ng/ul# 75
22) Nitrobenzene	9.41	77	8126m	2.853	ng/ul
23) Isophorone	9.94	82	11959	2.418	ng/ul# 90
25) 2-Nitrophenol	10.12	139	2968m	2.609	ng/ul
26) 2,4-Dimethylphenol	10.18	107	6106	2.286	ng/ul# 86
27) Bis(2-Chloroethoxy)methane	10.41	93	4733	2.005	ng/ul# 88
29) 2,4-Dichlorophenol	10.67	162	6014	2.851	ng/ul# 84
30) Naphthalene	11.08	128	15846	2.523	ng/ul# 92
32) 4-Chloroaniline	11.18	127	6800	2.658	ng/ul 95
33) Hexachlorobutadiene	11.36	225	5283	2.332	ng/ul# 83
34) Caprolactam	11.96	113	1290	1.805	ng/ul 91

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 4-Chloro-3-methylphenol	12.28	107	5115	2.200	ng/ul#	77
36) 2-Methylnaphthalene	12.67	142	12394	2.615	ng/ul	96
37) 1-Methylnaphthalene	12.88	142	11674	2.578	ng/ul#	79
39) 1,2,4,5-Tetrachlorobenzene	13.03	216	9383	2.600	ng/ul	93
40) Hexachlorocyclopentadiene	13.00	237	3619	1.530	ng/ul#	84
41) 2,4,6-Trichlorophenol	13.26	196	4691	2.168	ng/ul#	90
42) 2,4,5-Trichlorophenol	13.34	196	5315	2.319	ng/ul	87
43) 1,1'-Biphenyl	13.66	154	17538	2.591	ng/ul#	93
44) 2-Chloronaphthalene	13.70	162	13855	2.601	ng/ul#	86
45) 2-Nitroaniline	13.90	65	3900m	2.131	ng/ul	
47) Dimethylphthalate	14.26	163	18244	2.462	ng/ul#	98
48) 2,6-Dinitrotoluene	14.38	165	3445	2.200	ng/ul	97
50) Acenaphthylene	14.55	152	19806	2.542	ng/ul#	93
51) 3-Nitroaniline	14.71	138	2646	2.354	ng/ul	99
52) Acenaphthene	14.89	153	13606	2.457	ng/ul	87
53) 2,4-Dinitrophenol	14.94	184	306m	0.330	ng/ul	
55) 4-Nitrophenol	15.00	109	4495	2.407	ng/ul#	80
56) Dibenzofuran	15.22	168	19011	2.370	ng/ul	98
57) 2,4-Dinitrotoluene	15.17	165	5546	2.472	ng/ul#	76
58) 2,3,4,6-Tetrachlorophenol	15.44	232	4741	2.234	ng/ul#	95
59) Diethylphthalate	15.61	149	17982	2.451	ng/ul	98
61) Fluorene	15.86	166	17455	2.532	ng/ul	91
62) 4-Chlorophenyl-phenylether	15.85	204	10519	2.439	ng/ul#	92
63) 4-Nitroaniline	15.87	138	3262m	3.087	ng/ul	
66) 4,6-Dinitro-2-methylphenol	15.93	198	4149	2.704	ng/ul#	32
67) N-Nitrosodiphenylamine	16.06	169	14867	2.420	ng/ul	90
68) 4-Bromophenyl-phenylether	16.74	248	6987	2.464	ng/ul#	87
69) Hexachlorobenzene	16.87	284	8409	2.702	ng/ul#	87
70) Atrazine	16.99	200	6525	2.229	ng/ul	97
71) Pentachlorophenol	17.22	266	878m	0.600	ng/ul	
72) Phenanthrene	17.60	178	29546m	2.464	ng/ul	
74) Anthracene	17.69	178	29154	2.434	ng/ul	95
75) 1,2,3,4-Tetrachlorobenzene	13.63	216	9379	2.621	ng/uL#	84
76) Pentachlorobenzene	15.14	250	8712	2.495	ng/uL#	80
77) Carbazole	17.96	167	22820	2.337	ng/ul#	92
78) Di-n-butylphthalate	18.50	149	27267	2.277	ng/ul#	94
80) Fluoranthene	19.60	202	43459	2.538	ng/ul#	97
82) Pyrene	19.95	202	44117	2.610	ng/ul#	89
83) Butylbenzylphthalate	20.82	149	13668	2.318	ng/ul#	95
84) 3,3'-Dichlorobenzidine	21.72	252	14562	2.368	ng/ul#	90
85) Benzo(a)anthracene	21.81	228	44234	2.509	ng/ul	98
86) Bis(2-ethylhexyl)phthalate	21.70	149	18762	2.308	ng/ul#	91
87) Chrysene	21.88	228	42603	2.546	ng/ul	97
89) Di-n-octyl phthalate	22.95	149	31657	2.307	ng/ul	100
90) Benzo(b)fluoranthene	24.11	252	45260	2.484	ng/ul#	99
91) Benzo(k)fluoranthene	24.18	252	44159	2.453	ng/ul#	95
93) Benzo(a)pyrene	25.02	252	41829m	2.603	ng/ul	
94) Indeno(1,2,3-cd)pyrene	29.01	276	48166m	2.422	ng/ul	
95) Dibenzo(a,h)anthracene	29.08	278	41547	2.516	ng/ul#	84
96) Benzo(g,h,i)perylene	30.21	276	41142m	2.512	ng/ul	

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

