

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG121120\
 Data File : BG047722.D
 Acq On : 11 Dec 2020 20:29
 Operator : CG/JU
 Sample : L4485-03
 Misc : MDL-SOIL-03
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MDL-SOIL-03

Manual Integrations
 APPROVED

mohammad
 12/14/2020 2:44:27 PM

Quant Time: Dec 12 00:26:18 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG121120.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Dec 11 23:58:58 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.21	152	40532	20.00	ng/ul	0.00
20) Naphthalene-d8	11.03	136	166051	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.82	164	124383	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.56	188	295137	20.00	ng/ul	0.00
79) Chrysene-d12	21.84	240	326451	20.00	ng/ul	0.00
88) Perylene-d12	25.19	264	352836	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.52	96	5400	5.86	ng/uL	0.00
4) Pyridine-d5	3.96	84	62892	24.05	ng/ul	0.00
7) Phenol-d5	7.34	99	122095	35.91	ng/ul	0.00
9) Bis-(2-Chloroethyl)ether-d	7.51	67	70642	39.43	ng/ul	0.00
11) 2-Chlorophenol-d4	7.73	132	92262	35.88	ng/ul	0.00
15) 4-Methylphenol-d8	8.90	113	100962	39.04	ng/ul	0.00
21) Nitrobenzene-d5	9.37	128	46781	33.48	ng/ul	0.00
24) 2-Nitrophenol-d4	10.10	143	55391	34.83	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.64	165	111780	33.27	ng/ul	0.00
31) 4-Chloroaniline-d4	11.16	131	125046	31.98	ng/ul	0.00
46) Dimethylphthalate-d6	14.22	166	360806	35.15	ng/ul	0.00
49) Acenaphthylene-d8	14.52	160	437551	37.27	ng/ul	0.00
54) 4-Nitrophenol-d4	14.99	143	50953	32.59	ng/ul	0.00
60) Fluorene-d10	15.81	176	324048	33.81	ng/ul	0.00
65) 4,6-Dinitro-2-methylphenol	15.92	200	73186	36.23	ng/ul	0.00
73) Anthracene-d10	17.66	188	497687	34.68	ng/ul	0.00
81) Pyrene-d10	19.93	212	583898	33.04	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.96	264	638857	32.26	ng/ul	0.00

Target Compounds

				Ovalue	
2) 1,4-Dioxane	3.56	88	894m	0.941	ng/uL
5) Pyridine	3.98	79	8135m	3.316	ng/ul
6) Benzaldehyde	7.33	77	8369	5.357	ng/ul# 78
8) Phenol	7.37	94	9752	2.919	ng/ul# 86
10) Bis(2-Chloroethyl)ether	7.61	93	7562	3.254	ng/ul# 96
12) 2-Chlorophenol	7.76	128	7984	3.130	ng/ul# 85
13) 2-Methylphenol	8.64	108	7819	3.076	ng/ul 97
14) 2,2'-oxybis(1-Chloropropan	8.74	45	7557	3.494	ng/ul# 88
16) Acetophenone	9.03	105	14137	3.255	ng/ul# 82
17) N-Nitroso-di-n-propylamine	9.01	70	6994	2.932	ng/ul# 87
18) 4-Methylphenol	8.97	108	8399	3.011	ng/ul 100
19) Hexachloroethane	9.29	117	3868	3.096	ng/ul# 85
22) Nitrobenzene	9.41	77	12004	2.885	ng/ul 93
23) Isophorone	9.94	82	22670m	3.137	ng/ul
25) 2-Nitrophenol	10.14	139	5087	3.061	ng/ul# 73
26) 2,4-Dimethylphenol	10.18	107	10489	2.689	ng/ul# 86
27) Bis(2-Chloroethoxy)methane	10.42	93	10403	3.016	ng/ul# 94
29) 2,4-Dichlorophenol	10.66	162	8399	2.725	ng/ul# 63
30) Naphthalene	11.09	128	26478	2.886	ng/ul 96
32) 4-Chloroaniline	11.19	127	11599	3.103	ng/ul 98
33) Hexachlorobutadiene	11.36	225	8431	2.547	ng/ul 91
34) Caprolactam	11.97	113	3183m	3.049	ng/ul

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35) 4-Chloro-3-methylphenol	12.29	107	8899	2.620	ng/ul	97
36) 2-Methylnaphthalene	12.67	142	20951	3.026	ng/ul	87
37) 1-Methylnaphthalene	12.88	142	18219	2.754	ng/ul#	92
39) 1,2,4,5-Tetrachlorobenzene	13.03	216	16022	3.128	ng/ul	91
40) Hexachlorocyclopentadiene	13.01	237	7319	2.179	ng/ul	93
41) 2,4,6-Trichlorophenol	13.26	196	9747	3.173	ng/ul	93
42) 2,4,5-Trichlorophenol	13.34	196	8897m	2.735	ng/ul	
43) 1,1'-Biphenyl	13.67	154	28184	2.934	ng/ul	99
44) 2-Chloronaphthalene	13.71	162	21748	2.876	ng/ul#	88
45) 2-Nitroaniline	13.90	65	7514	2.893	ng/ul	86
47) Dimethylphthalate	14.27	163	31865	3.029	ng/ul#	95
48) 2,6-Dinitrotoluene	14.38	165	6317	2.843	ng/ul	93
50) Acenaphthylene	14.55	152	32546	2.942	ng/ul	97
51) 3-Nitroaniline	14.72	138	5923	3.712	ng/ul#	84
52) Acenaphthene	14.89	153	22401	2.850	ng/ul	93
53) 2,4-Dinitrophenol	14.93	184	2371m	1.799	ng/ul	
55) 4-Nitrophenol	15.02	109	7448	2.809	ng/ul	92
56) Dibenzofuran	15.22	168	34782	3.055	ng/ul	95
57) 2,4-Dinitrotoluene	15.17	165	9690	3.042	ng/ul#	99
58) 2,3,4,6-Tetrachlorophenol	15.45	232	8233	2.733	ng/ul	90
59) Diethylphthalate	15.62	149	32474	3.119	ng/ul#	97
61) Fluorene	15.87	166	31022	3.170	ng/ul	99
62) 4-Chlorophenyl-phenylether	15.85	204	17885	2.922	ng/ul#	95
63) 4-Nitroaniline	15.88	138	5890	3.926	ng/ul#	87
66) 4,6-Dinitro-2-methylphenol	15.93	198	6358	3.101	ng/ul#	59
67) N-Nitrosodiphenylamine	16.06	169	25691	3.128	ng/ul	97
68) 4-Bromophenyl-phenylether	16.75	248	12671	3.344	ng/ul	95
69) Hexachlorobenzene	16.86	284	11842	2.847	ng/ul#	87
70) Atrazine	17.00	200	12426	3.176	ng/ul#	84
71) Pentachlorophenol	17.22	266	2863m	1.464	ng/ul	
72) Phenanthrene	17.61	178	48419m	3.021	ng/ul	
74) Anthracene	17.70	178	48084	3.003	ng/ul	98
75) 1,2,3,4-Tetrachlorobenzene	13.63	216	13307	2.782	ng/uL#	91
76) Pentachlorobenzene	15.14	250	15249	3.267	ng/uL#	85
77) Carbazole	17.96	167	37293	2.858	ng/ul	98
78) Di-n-butylphthalate	18.50	149	50118	3.131	ng/ul#	95
80) Fluoranthene	19.60	202	58303	2.606	ng/ul	99
82) Pyrene	19.96	202	60034	2.718	ng/ul	99
83) Butylbenzylphthalate	20.82	149	21036	2.730	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.72	252	22872	2.846	ng/ul	93
85) Benzo(a)anthracene	21.82	228	66994	2.907	ng/ul	94
86) Bis(2-ethylhexyl)phthalate	21.70	149	36586	3.445	ng/ul	98
87) Chrysene	21.89	228	60597	2.771	ng/ul	95
89) Di-n-octyl phthalate	22.96	149	51626	2.780	ng/ul	100
90) Benzo(b)fluoranthene	24.11	252	67819	2.750	ng/ul#	98
91) Benzo(k)fluoranthene	24.18	252	72576	2.979	ng/ul	98
93) Benzo(a)pyrene	25.04	252	61387	2.823	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	29.02	276	77884m	2.894	ng/ul	
95) Dibenzo(a,h)anthracene	29.08	278	64420m	2.882	ng/ul	
96) Benzo(g,h,i)perylene	30.24	276	63567m	2.868	ng/ul	

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

