

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG121620\
 Data File : BG047757.D
 Acq On : 16 Dec 2020 15:41
 Operator : CG/JU
 Sample : L4485-21
 Misc : ME-SOIL-07
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MDL-ME-SOIL-07

Manual Integrations
 APPROVED

mohammad
 12/17/2020 11:37:38 AM

Quant Time: Dec 16 16:18:40 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	32545	20.00	ng/ul	0.00
20) Naphthalene-d8	11.03	136	121557	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.83	164	92042	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.56	188	233651	20.00	ng/ul	0.00
79) Chrysene-d12	21.83	240	256772	20.00	ng/ul	0.00
88) Perylene-d12	25.18	264	263941	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.52	96	3152	4.26	ng/uL	0.00
4) Pyridine-d5	3.96	84	51231	24.39	ng/ul	0.00
7) Phenol-d5	7.34	99	87512	32.05	ng/ul	0.00
9) Bis-(2-Chloroethyl)ether-d	7.51	67	48806	33.93	ng/ul	0.00
11) 2-Chlorophenol-d4	7.73	132	66942	32.43	ng/ul	0.00
15) 4-Methylphenol-d8	8.90	113	68768	33.12	ng/ul	0.00
21) Nitrobenzene-d5	9.37	128	34132	33.37	ng/ul	0.00
24) 2-Nitrophenol-d4	10.10	143	37624	32.31	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.64	165	79746	32.43	ng/ul	0.00
31) 4-Chloroaniline-d4	11.15	131	89895	31.41	ng/ul	0.00
46) Dimethylphthalate-d6	14.21	166	259512	34.16	ng/ul	0.00
49) Acenaphthylene-d8	14.52	160	310010	35.69	ng/ul	0.00
54) 4-Nitrophenol-d4	14.99	143	36378	31.44	ng/ul	0.00
60) Fluorene-d10	15.81	176	229650	32.38	ng/ul	0.00
65) 4,6-Dinitro-2-methylphenol	15.92	200	50322	31.47	ng/ul	0.00
73) Anthracene-d10	17.66	188	374619	32.98	ng/ul	0.00
81) Pyrene-d10	19.93	212	461431	33.20	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.95	264	459421	31.02	ng/ul	0.00

Target Compounds

				Ovalue	
2) 1,4-Dioxane	3.57	88	630m	0.825	ng/uL
5) Pyridine	3.99	79	6570	3.336	ng/ul# 59
6) Benzaldehyde	7.33	77	6889	5.492	ng/ul# 80
8) Phenol	7.37	94	7977	2.973	ng/ul# 83
10) Bis(2-Chloroethyl)ether	7.61	93	6151	3.297	ng/ul# 91
12) 2-Chlorophenol	7.76	128	5707	2.786	ng/ul# 76
13) 2-Methylphenol	8.64	108	6071m	2.975	ng/ul
14) 2,2'-oxybis(1-Chloropropan	8.72	45	4977m	2.866	ng/ul
16) Acetophenone	9.03	105	9095	2.608	ng/ul 93
17) N-Nitroso-di-n-propylamine	9.00	70	5311	2.773	ng/ul# 84
18) 4-Methylphenol	8.96	108	6518m	2.910	ng/ul
19) Hexachloroethane	9.29	117	3386m	3.376	ng/ul
22) Nitrobenzene	9.41	77	9522	3.126	ng/ul# 90
23) Isophorone	9.94	82	15864	2.999	ng/ul# 94
25) 2-Nitrophenol	10.13	139	3539	2.909	ng/ul 87
26) 2,4-Dimethylphenol	10.18	107	8601	3.012	ng/ul 93
27) Bis(2-Chloroethoxy)methane	10.42	93	7597	3.009	ng/ul 96
29) 2,4-Dichlorophenol	10.67	162	6929	3.071	ng/ul 94
30) Naphthalene	11.08	128	20331	3.027	ng/ul# 94
32) 4-Chloroaniline	11.18	127	7802	2.852	ng/ul 92
33) Hexachlorobutadiene	11.36	225	7426	3.065	ng/ul# 80
34) Caprolactam	11.95	113	2264m	2.962	ng/ul

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 4-Chloro-3-methylphenol	12.28	107	7721	3.105	ng/ul#	80
36) 2-Methylnaphthalene	12.68	142	15120	2.984	ng/ul	98
37) 1-Methylnaphthalene	12.89	142	14307	2.955	ng/ul	93
39) 1,2,4,5-Tetrachlorobenzene	13.03	216	11880	3.134	ng/ul	89
40) Hexachlorocyclopentadiene	13.01	237	5404	2.174	ng/ul#	82
41) 2,4,6-Trichlorophenol	13.26	196	6429	2.828	ng/ul	93
42) 2,4,5-Trichlorophenol	13.34	196	7643	3.175	ng/ul#	78
43) 1,1'-Biphenyl	13.66	154	22835	3.212	ng/ul#	93
44) 2-Chloronaphthalene	13.70	162	16349	2.922	ng/ul#	85
45) 2-Nitroaniline	13.89	65	5571	2.898	ng/ul#	73
47) Dimethylphthalate	14.26	163	23523	3.022	ng/ul#	95
48) 2,6-Dinitrotoluene	14.38	165	4735	2.879	ng/ul	93
50) Acenaphthylene	14.55	152	25363	3.099	ng/ul	97
51) 3-Nitroaniline	14.71	138	4011	3.397	ng/ul#	73
52) Acenaphthene	14.89	153	19128	3.288	ng/ul#	84
53) 2,4-Dinitrophenol	14.94	184	893m	0.915	ng/ul	
55) 4-Nitrophenol	15.00	109	5631	2.870	ng/ul	96
56) Dibenzofuran	15.21	168	25876	3.071	ng/ul	98
57) 2,4-Dinitrotoluene	15.17	165	6911	2.932	ng/ul#	97
58) 2,3,4,6-Tetrachlorophenol	15.44	232	6098	2.735	ng/ul#	89
59) Diethylphthalate	15.61	149	22204	2.882	ng/ul#	93
61) Fluorene	15.87	166	21180	2.924	ng/ul	90
62) 4-Chlorophenyl-phenylether	15.85	204	12940	2.857	ng/ul#	87
63) 4-Nitroaniline	15.87	138	4037	3.637	ng/ul#	83
66) 4,6-Dinitro-2-methylphenol	15.94	198	4132m	2.546	ng/ul	
67) N-Nitrosodiphenylamine	16.06	169	20550	3.161	ng/ul	90
68) 4-Bromophenyl-phenylether	16.74	248	9012	3.004	ng/ul	87
69) Hexachlorobenzene	16.86	284	9888	3.002	ng/ul	94
70) Atrazine	17.00	200	8695	2.807	ng/ul	88
71) Pentachlorophenol	17.21	266	1571m	1.015	ng/ul	
72) Phenanthrene	17.60	178	38827	3.060	ng/ul	96
74) Anthracene	17.69	178	38270	3.019	ng/ul	98
75) 1,2,3,4-Tetrachlorobenzene	13.63	216	11796	3.115	ng/uL#	83
76) Pentachlorobenzene	15.14	250	11295	3.057	ng/uL#	85
77) Carbazole	17.95	167	29898	2.894	ng/ul	95
78) Di-n-butylphthalate	18.50	149	36606	2.889	ng/ul	97
80) Fluoranthene	19.60	202	49594	2.818	ng/ul	99
82) Pyrene	19.95	202	52854	3.042	ng/ul#	98
83) Butylbenzylphthalate	20.82	149	17131	2.826	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.72	252	18860	2.983	ng/ul#	87
85) Benzo(a)anthracene	21.81	228	54067	2.983	ng/ul	95
86) Bis(2-ethylhexyl)phthalate	21.69	149	22885	2.739	ng/ul	96
87) Chrysene	21.88	228	53115m	3.088	ng/ul	
89) Di-n-octyl phthalate	22.95	149	40803	2.938	ng/ul	100
90) Benzo(b)fluoranthene	24.11	252	53898	2.922	ng/ul#	95
91) Benzo(k)fluoranthene	24.18	252	54722	3.002	ng/ul#	96
93) Benzo(a)pyrene	25.03	252	49373	3.035	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	29.01	276	59709m	2.966	ng/ul	
95) Dibenzo(a,h)anthracene	29.08	278	50149m	2.999	ng/ul	
96) Benzo(g,h,i)perylene	30.23	276	50383m	3.039	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

