

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG072420\
 Data File : BG046075.D
 Acq On : 24 Jul 2020 22:22
 Operator : CG/JU
 Sample : L1955-17
 Misc : MDL-SOILME-03
 ALS Vial : 21 Sample Multiplier: 1

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

Manual Integrations
 APPROVED

mohammad
 7/27/2020 12:20:39 PM

Quant Time: Jul 25 00:03:11 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG072320MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jul 24 10:06:58 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.96	152	98158	20.00	ng/ul	0.00
18) Naphthalene-d8	10.76	136	424932	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.59	164	290083	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.33	188	664057	20.00	ng/ul	0.00
78) Chrysene-d12	21.57	240	696581	20.00	ng/ul	0.00
86) Perylene-d12	24.69	264	779936	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.42	96	3579	1.80	ng/uL	0.00
5) Phenol-d5	7.13	99	230213	29.89	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.29	67	141030	29.55	ng/ul	0.00
9) 2-Chlorophenol-d4	7.50	132	182609	29.62	ng/ul	0.00
13) 4-Methylphenol-d8	8.66	113	189454	29.15	ng/ul	0.00
19) Nitrobenzene-d5	9.11	128	91883	30.62	ng/ul	0.00
22) 2-Nitrophenol-d4	9.84	143	98460	32.11	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.37	165	195186	28.12	ng/ul	0.00
29) 4-Chloroaniline-d4	10.89	131	269962	34.54	ng/ul	0.00
44) Dimethylphthalate-d6	13.99	166	670731	29.65	ng/ul	0.00
47) Acenaphthylene-d8	14.28	160	800033	29.80	ng/ul	0.00
52) 4-Nitrophenol-d4	14.78	143	105056	28.43	ng/ul	0.00
58) Fluorene-d10	15.58	176	589762	28.64	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.69	200	91878	27.65	ng/ul	0.00
71) Anthracene-d10	17.43	188	896467	29.27	ng/ul	0.00
79) Pyrene-d10	19.71	212	1103889	29.96	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.48	264	1169836	27.06	ng/ul	0.00

Target Compounds

					Ovalue	
2) 1,4-Dioxane	3.46	88	4122	1.694	ng/uL	94
4) Benzaldehyde	7.10	77	14805	2.696	ng/ul	99
6) Phenol	7.15	94	32599	4.109	ng/ul	99
8) Bis(2-Chloroethyl)ether	7.38	93	26859	4.136	ng/ul	95
10) 2-Chlorophenol	7.53	128	26274	4.204	ng/ul	97
11) 2-Methylphenol	8.40	108	24037	3.760	ng/ul	93
12) 2,2'-oxybis(1-Chloropropan	8.49	45	46583	4.244	ng/ul	97
14) Acetophenone	8.78	105	42104	4.391	ng/ul	93
15) N-Nitroso-di-n-propylamine	8.76	70	21499	4.144	ng/ul	96
16) 4-Methylphenol	8.72	108	27782	4.056	ng/ul	98
17) Hexachloroethane	9.05	117	10859	4.094	ng/ul	94
20) Nitrobenzene	9.15	77	30387	3.942	ng/ul	94
21) Isophorone	9.68	82	58792	3.903	ng/ul#	96
23) 2-Nitrophenol	9.87	139	14732	4.292	ng/ul	95
24) 2,4-Dimethylphenol	9.93	107	28330	3.724	ng/ul	98
25) Bis(2-Chloroethoxy)methane	10.16	93	37136	3.897	ng/ul	97
27) 2,4-Dichlorophenol	10.40	162	27988	4.092	ng/ul#	84
28) Naphthalene	10.81	128	91913	4.042	ng/ul	98
30) 4-Chloroaniline	10.91	127	36435	4.847	ng/ul	99
31) Hexachlorobutadiene	11.11	225	21669	4.117	ng/ul	94
32) Caprolactam	11.68	113	7904m	3.428	ng/ul	
33) 4-Chloro-3-methylphenol	12.03	107	25821	3.682	ng/ul	98
34) 2-Methylnaphthalene	12.41	142	71577	4.186	ng/ul	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.64	142	69206	4.099	ng/uL	99
37) 1,2,4,5-Tetrachlorobenzene	12.78	216	41977	4.186	ng/uL	97
38) Hexachlorocyclopentadiene	12.77	237	14021	2.442	ng/uL	96
39) 2,4,6-Trichlorophenol	13.02	196	21667	3.696	ng/uL	93
40) 2,4,5-Trichlorophenol	13.09	196	22408	3.516	ng/uL	95
41) 1,1'-Biphenyl	13.42	154	95772	4.267	ng/uL	97
42) 2-Chloronaphthalene	13.46	162	74219	4.145	ng/uL	96
43) 2-Nitroaniline	13.66	65	16225	3.844	ng/uL	99
45) Dimethylphthalate	14.04	163	94110	4.148	ng/uL	99
46) 2,6-Dinitrotoluene	14.15	165	16035	3.706	ng/uL	98
48) Acenaphthylene	14.31	152	113032	4.114	ng/uL	99
49) 3-Nitroaniline	14.48	138	14399	3.533	ng/uL#	93
50) Acenaphthene	14.65	153	78879	3.988	ng/uL	98
51) 2,4-Dinitrophenol	14.68	184	5904	3.082	ng/uL#	90
53) 4-Nitrophenol	14.79	109	10795	4.071	ng/uL#	85
54) Dibenzofuran	14.98	168	117833	4.368	ng/uL	100
55) 2,4-Dinitrotoluene	14.93	165	24143	3.918	ng/uL#	92
56) 2,3,4,6-Tetrachlorophenol	15.21	232	22737	3.826	ng/uL#	95
57) Diethylphthalate	15.40	149	94082	4.198	ng/uL	98
59) Fluorene	15.63	166	95037	4.155	ng/uL	96
60) 4-Chlorophenyl-phenylether	15.63	204	48887	4.068	ng/uL	95
61) 4-Nitroaniline	15.64	138	15135m	3.331	ng/uL	
64) 4,6-Dinitro-2-methylphenol	15.70	198	14325	4.046	ng/uL#	70
65) N-Nitrosodiphenylamine	15.84	169	81427	4.217	ng/uL	98
66) 4-Bromophenyl-phenylether	16.52	248	33633	4.076	ng/uL	95
67) Hexachlorobenzene	16.64	284	38185	4.099	ng/uL	98
68) Atrazine	16.78	200	30431	3.942	ng/uL	96
69) Pentachlorophenol	16.98	266	16418m	3.307	ng/uL	
70) Phenanthrene	17.37	178	155357	4.192	ng/uL	98
72) Anthracene	17.46	178	154174	4.175	ng/uL	98
73) 1,2,3,4-Tetrachlorobenzene	13.39	216	43287	4.341	ng/uL	96
74) Pentachlorobenzene	14.91	250	41537	4.125	ng/uL	97
75) Carbazole	17.72	167	135288	4.566	ng/uL	97
76) Di-n-butylphthalate	18.30	149	150108	4.117	ng/uL	98
77) Fluoranthene	19.38	202	199966	4.919	ng/uL	99
80) Pvrene	19.74	202	204902	4.350	ng/uL	98
81) Butylbenzylphthalate	20.63	149	64606	3.996	ng/uL	97
82) 3,3'-Dichlorobenzidine	21.47	252	58498	3.913	ng/uL	99
83) Benzo(a)anthracene	21.56	228	209317	4.563	ng/uL	98
84) Bis(2-ethylhexyl)phthalate	21.49	149	95138	4.045	ng/uL	97
85) Chrysene	21.62	228	197272	4.424	ng/uL	97
87) Di-n-octyl phthalate	22.67	149	160949	3.949	ng/uL	100
88) Benzo(b)fluoranthene	23.71	252	209597	3.978	ng/uL	97
89) Benzo(k)fluoranthene	23.77	252	210746	4.074	ng/uL	97
91) Benzo(a)pyrene	24.54	252	198574	4.110	ng/uL	100
92) Indeno(1,2,3-cd)pyrene	28.19	276	233091	3.863	ng/uL	98
93) Dibenzo(a,h)anthracene	28.26	278	182153	3.690	ng/uL	99
94) Benzo(a,h,i)perylene	29.29	276	197256	3.867	ng/uL	98

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

