

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG072820\
 Data File : BG046096.D
 Acq On : 28 Jul 2020 10:02
 Operator : CG/JU
 Sample : L1955-06
 Misc : MDL-SOIL-06
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MDL-SOIL-06

Manual Integrations
 APPROVED

mohammad
 7/29/2020 11:46:40 AM

Quant Time: Jul 28 11:18:38 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG072320MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jul 28 10:34:48 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.96	152	103350	20.00	ng/ul	0.00
18) Naphthalene-d8	10.76	136	428342	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.58	164	290808	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.33	188	653297	20.00	ng/ul	0.00
78) Chrysene-d12	21.58	240	667959	20.00	ng/ul	0.00
86) Perylene-d12	24.69	264	744967	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.43	96	14819	7.08	ng/uL	0.00
5) Phenol-d5	7.13	99	261157	32.20	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.29	67	162787	32.40	ng/ul	0.00
9) 2-Chlorophenol-d4	7.50	132	211926	32.64	ng/ul	0.00
13) 4-Methylphenol-d8	8.66	113	215856	31.55	ng/ul	0.00
19) Nitrobenzene-d5	9.11	128	104445	34.53	ng/ul	0.00
22) 2-Nitrophenol-d4	9.84	143	113304	36.66	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.38	165	224431	32.08	ng/ul	0.00
29) 4-Chloroaniline-d4	10.89	131	306643	38.92	ng/ul	0.00
44) Dimethylphthalate-d6	13.99	166	761778	33.59	ng/ul	0.00
47) Acenaphthylene-d8	14.28	160	903727	33.58	ng/ul	0.00
52) 4-Nitrophenol-d4	14.77	143	115820	31.27	ng/ul	0.00
58) Fluorene-d10	15.58	176	665534	32.24	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.69	200	105425	32.24	ng/ul	0.00
71) Anthracene-d10	17.43	188	983848	32.66	ng/ul	0.00
79) Pyrene-d10	19.71	212	1175231	33.27	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.48	264	1242541	30.09	ng/ul	0.00

Target Compounds

					Ovalue
2) 1,4-Dioxane	3.47	88	4151	1.620	ng/uL 100
4) Benzaldehyde	7.10	77	12886m	2.229	ng/ul
6) Phenol	7.15	94	29144	3.489	ng/ul 97
8) Bis(2-Chloroethyl)ether	7.38	93	24084	3.523	ng/ul 98
10) 2-Chlorophenol	7.53	128	22268	3.384	ng/ul 94
11) 2-Methylphenol	8.40	108	19665	2.921	ng/ul 99
12) 2,2'-oxybis(1-Chloropropan	8.49	45	39854	3.449	ng/ul 98
14) Acetophenone	8.78	105	36705	3.636	ng/ul 96
15) N-Nitroso-di-n-propylamine	8.77	70	18578	3.401	ng/ul 95
16) 4-Methylphenol	8.73	108	23275	3.227	ng/ul 98
17) Hexachloroethane	9.05	117	9627	3.447	ng/ul 98
20) Nitrobenzene	9.15	77	27323	3.517	ng/ul 99
21) Isophorone	9.68	82	51433	3.387	ng/ul 96
23) 2-Nitrophenol	9.87	139	12783	3.694	ng/ul 97
24) 2,4-Dimethylphenol	9.93	107	23697	3.090	ng/ul 94
25) Bis(2-Chloroethoxy)methane	10.17	93	32709	3.405	ng/ul# 93
27) 2,4-Dichlorophenol	10.41	162	23845	3.458	ng/ul 88
28) Naphthalene	10.81	128	77695	3.389	ng/ul 97
30) 4-Chloroaniline	10.91	127	30870	4.074	ng/ul 93
31) Hexachlorobutadiene	11.11	225	17696	3.335	ng/ul 96
32) Caprolactam	11.69	113	6629m	2.852	ng/ul
33) 4-Chloro-3-methylphenol	12.03	107	21594	3.054	ng/ul 92
34) 2-Methylnaphthalene	12.42	142	61696	3.580	ng/ul 91

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35) 1-Methylnaphthalene	12.63	142	59686	3.507	ng/uL	99
37) 1,2,4,5-Tetrachlorobenzene	12.79	216	36459	3.626	ng/uL	99
38) Hexachlorocyclopentadiene	12.77	237	13948	2.423	ng/uL	97
39) 2,4,6-Trichlorophenol	13.02	196	17816	3.032	ng/uL	98
40) 2,4,5-Trichlorophenol	13.09	196	19727	3.088	ng/uL	98
41) 1,1'-Biphenyl	13.42	154	82068	3.648	ng/uL	97
42) 2-Chloronaphthalene	13.46	162	64830	3.611	ng/uL	99
43) 2-Nitroaniline	13.66	65	13602	3.214	ng/uL#	82
45) Dimethylphthalate	14.04	163	79767	3.507	ng/uL	99
46) 2,6-Dinitrotoluene	14.15	165	13499	3.112	ng/uL	90
48) Acenaphthylene	14.31	152	97008	3.522	ng/uL	98
49) 3-Nitroaniline	14.48	138	11692	2.861	ng/uL#	95
50) Acenaphthene	14.65	153	69286	3.494	ng/uL	97
51) 2,4-Dinitrophenol	14.68	184	4268	2.223	ng/uL#	87
53) 4-Nitrophenol	14.78	109	8546	3.215	ng/uL#	76
54) Dibenzofuran	14.98	168	100533	3.718	ng/uL	99
55) 2,4-Dinitrotoluene	14.94	165	20620	3.338	ng/uL	93
56) 2,3,4,6-Tetrachlorophenol	15.21	232	19555	3.283	ng/uL#	94
57) Diethylphthalate	15.41	149	78476	3.493	ng/uL	100
59) Fluorene	15.63	166	81142	3.538	ng/uL	98
60) 4-Chlorophenyl-phenylether	15.63	204	41369	3.434	ng/uL	96
61) 4-Nitroaniline	15.64	138	11939m	2.621	ng/uL	
64) 4,6-Dinitro-2-methylphenol	15.70	198	12085	3.470	ng/uL#	76
65) N-Nitrosodiphenylamine	15.83	169	69083	3.637	ng/uL	99
66) 4-Bromophenyl-phenylether	16.52	248	29069	3.581	ng/uL	97
67) Hexachlorobenzene	16.64	284	33114	3.613	ng/uL	95
68) Atrazine	16.79	200	24748	3.259	ng/uL	93
69) Pentachlorophenol	16.98	266	12418m	2.542	ng/uL	
70) Phenanthrene	17.37	178	135279	3.710	ng/uL	98
72) Anthracene	17.46	178	130908	3.603	ng/uL	98
73) 1,2,3,4-Tetrachlorobenzene	13.39	216	38302	3.904	ng/uL	93
74) Pentachlorobenzene	14.91	250	36316	3.666	ng/uL	95
75) Carbazole	17.73	167	111531	3.826	ng/uL	97
76) Di-n-butylphthalate	18.30	149	119612	3.335	ng/uL	100
77) Fluoranthene	19.38	202	165387	4.135	ng/uL	98
80) Pvrene	19.74	202	166647	3.690	ng/uL	99
81) Butylbenzylphthalate	20.64	149	49094	3.167	ng/uL	94
82) 3,3'-Dichlorobenzidine	21.48	252	46362	3.234	ng/uL#	96
83) Benzo(a)anthracene	21.56	228	166424	3.783	ng/uL	97
84) Bis(2-ethylhexyl)phthalate	21.49	149	71140	3.154	ng/uL	97
85) Chrysene	21.62	228	157275	3.678	ng/uL	98
87) Di-n-octyl phthalate	22.67	149	114452	2.940	ng/uL	100
88) Benzo(b)fluoranthene	23.70	252	164034	3.259	ng/uL	95
89) Benzo(k)fluoranthene	23.77	252	148736	3.010	ng/uL	99
91) Benzo(a)pyrene	24.54	252	159088m	3.447	ng/uL	
92) Indeno(1,2,3-cd)pyrene	28.20	276	168025m	2.915	ng/uL	
93) Dibenzo(a,h)anthracene	28.26	278	142108m	3.014	ng/uL	
94) Benzo(a,h,i)perylene	29.30	276	147132	3.020	ng/uL#	95

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

