Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG121120\
Data File : BG047724.D
Acq On : 11 Dec 2020 21:50
Operator : CG/JU
Sample : L4485-15
Misc : ME-SOIL-01
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MDL-ME-SOIL-01

Manual Integrations APPROVED
mohammad
12/14/2020 2:44:44 PM

Quant Time: Dec 12 00:37:02 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	8.20	152	32131	20.00	ng/ul	0.00
20) Naphthalene-d8	11.03	136	121065	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.83	164	93198	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.56	188	234636m	20.00	ng/ul	0.00
79) Chrysene-d12	21.83	240	245925m	20.00	ng/ul	0.00
88) Perylene-d12	25.19	264	255844m	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.53	96	2492	3.41	ng/uL	0.00
4) Pyridine-d5	3.96	84	45955	22.16	ng/ul	0.00
7) Phenol-d5	7.35	99	84866	31.48	ng/ul	0.00
9) Bis-(2-Chloroethyl)ether-d	7.52	67	47552	33.48	ng/ul	0.00
11) 2-Chlorophenol-d4	7.73	132	64566	31.68	ng/ul	0.00
15) 4-Methylphenol-d8	8.90	113	70145	34.22	ng/ul	0.00
21) Nitrobenzene-d5	9.37	128	32254	31.66	ng/ul	0.00
24) 2-Nitrophenol-d4	10.10	143	38685	33.36	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.64	165	76104	31.07	ng/ul	0.00
31) 4-Chloroaniline-d4	11.15	131	89673	31.46	ng/ul	0.00
46) Dimethylphthalate-d6	14.22	166	255951	33.28	ng/ul	0.00
49) Acenaphthylene-d8	14.52	160	306488	34.84	ng/ul	0.00
54) 4-Nitrophenol-d4	15.00	143	34318	29.29	ng/ul	0.00
60) Fluorene-d10	15.81	176	226457	31.54	ng/ul	0.00
65) 4,6-Dinitro-2-methylphenol	15.92	200	48576	30.25	ng/ul	0.00
73) Anthracene-d10	17.66	188	365285	32.02	ng/ul	0.00
81) Pyrene-d10	19.93	212	445899	33.49	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.96	264	436725m	30.42	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.57	88	741m	0.983	ng/uL	
5) Pyridine	3.99	79	6999m	3.599	ng/ul	
6) Benzaldehyde	7.33	77	6892	5.565	ng/ul#	73
8) Phenol	7.37	94	8774	3.313	ng/ul#	85
10) Bis(2-Chloroethyl)ether	7.60	93	5765	3.129	ng/ul	93
12) 2-Chlorophenol	7.76	128	6261	3.096	ng/ul#	81
13) 2-Methylphenol	8.63	108	5950	2.953	ng/ul	91
14) 2,2'-oxybis(1-Chloropropan	8.73	45	5592	3.262	ng/ul	92
16) Acetophenone	9.03	105	11813	3.431	ng/ul	95
17) N-Nitroso-di-n-propylamine	9.01	70	5685	3.007	ng/ul#	91
18) 4-Methylphenol	8.96	108	7073	3.199	ng/ul	82
19) Hexachloroethane	9.30	117	3369	3.402	ng/ul	85
22) Nitrobenzene	9.41	77	9969	3.287	ng/ul#	76
23) Isophorone	9.93	82	17519	3.325	ng/ul#	95
25) 2-Nitrophenol	10.13	139	4052	3.344	ng/ul#	90
26) 2,4-Dimethylphenol	10.18	107	9378	3.297	ng/ul#	85
27) Bis(2-Chloroethoxy)methane	10.42	93	7958	3.165	ng/ul#	91
29) 2,4-Dichlorophenol	10.68	162	7070	3.146	ng/ul	92
30) Naphthalene	11.08	128	22273	3.330	ng/ul	95
32) 4-Chloroaniline	11.18	127	8705	3.195	ng/ul	91
33) Hexachlorobutadiene	11.36	225	7720	3.199	ng/ul#	81
34) Caprolactam	11.95	113	2300m	3.022	ng/ul	

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35) 4-Chloro-3-methylphenol	12.28	107	6829	2.757 ng/ul#	80
36) 2-Methylnaphthalene	12.67	142	16639	3.297 ng/ul	99
37) 1-Methylnaphthalene	12.89	142	16088	3.336 ng/ul	97
39) 1,2,4,5-Tetrachlorobenzene	13.03	216	12455	3.245 ng/ul	99
40) Hexachlorocyclopentadiene	13.01	237	6233	2.477 ng/ul#	94
41) 2,4,6-Trichlorophenol	13.26	196	7152	3.107 ng/ul	91
42) 2,4,5-Trichlorophenol	13.33	196	6984	2.865 ng/ul#	81
43) 1,1'-Biphenyl	13.67	154	23628	3.282 ng/ul	93
44) 2-Chloronaphthalene	13.71	162	16918	2.986 ng/ul	94
45) 2-Nitroaniline	13.90	65	5559	2.856 ng/ul#	83
47) Dimethylphthalate	14.26	163	25997	3.299 ng/ul#	95
48) 2,6-Dinitrotoluene	14.38	165	5100	3.063 ng/ul#	78
50) Acenaphthylene	14.55	152	26967	3.254 ng/ul	96
51) 3-Nitroaniline	14.72	138	4198	3.511 ng/ul#	79
52) Acenaphthene	14.89	153	18737	3.181 ng/ul#	92
53) 2,4-Dinitrophenol	14.93	184	1161	1.175 ng/ul#	86
55) 4-Nitrophenol	15.01	109	6453	3.248 ng/ul#	85
56) Dibenzofuran	15.22	168	28482	3.338 ng/ul	99
57) 2,4-Dinitrotoluene	15.17	165	7805	3.270 ng/ul#	78
58) 2,3,4,6-Tetrachlorophenol	15.44	232	6267	2.776 ng/ul#	91
59) Diethylphthalate	15.62	149	24691	3.165 ng/ul#	93
61) Fluorene	15.87	166	23995	3.272 ng/ul	95
62) 4-Chlorophenyl-phenylether	15.85	204	14172	3.090 ng/ul	98
63) 4-Nitroaniline	15.88	138	4782	4.254 ng/ul#	93
66) 4,6-Dinitro-2-methylphenol	15.93	198	4742m	2.909 ng/ul	
67) N-Nitrosodiphenylamine	16.06	169	20850	3.194 ng/ul	93
68) 4-Bromophenyl-phenylether	16.75	248	10174	3.377 ng/ul	99
69) Hexachlorobenzene	16.87	284	11994	3.627 ng/ul	93
70) Atrazine	17.00	200	9746	3.134 ng/ul	92
71) Pentachlorophenol	17.22	266	2677m	1.722 ng/ul	
72) Phenanthrene	17.60	178	40821m	3.204 ng/ul	
74) Anthracene	17.70	178	41233	3.240 ng/ul	95
75) 1,2,3,4-Tetrachlorobenzene	13.63	216	12690	3.337 ng/uL	92
76) Pentachlorobenzene	15.14	250	12336	3.325 ng/uL	87
77) Carbazole	17.96	167	35126	3.385 ng/ul	96
78) Di-n-butylphthalate	18.50	149	39426m	3.098 ng/ul	
80) Fluoranthene	19.60	202	54871m	3.255 ng/ul	
82) Pyrene	19.96	202	56353m	3.387 ng/ul	
83) Butylbenzylphthalate	20.82	149	18777	3.235 ng/ul	96
84) 3,3'-Dichlorobenzidine	21.72	252	22258	3.676 ng/ul	96
85) Benzo(a)anthracene	21.82	228	56660m	3.264 ng/ul	
86) Bis(2-ethylhexyl)phthalate	21.70	149	27406m	3.425 ng/ul	
87) Chrysene	21.89	228	52482	3.186 ng/ul	98
89) Di-n-octyl phthalate	22.95	149	45235m	3.360 ng/ul	
90) Benzo(b)fluoranthene	24.11	252	60074m	3.359 ng/ul	
91) Benzo(k)fluoranthene	24.18	252	58868m	3.332 ng/ul	
93) Benzo(a)pyrene	25.03	252	54194m	3.436 ng/ul	
94) Indeno(1,2,3-cd)pyrene	29.02	276	62089m	3.182 ng/ul	
95) Dibenzo(a,h)anthracene	29.09	278	54517m	3.364 ng/ul	
96) Benzo(g,h,i)perylene	30.23	276	53281m	3.315 ng/ul	

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

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