Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG121120\
Data File : BG047718.D
Acq On : 11 Dec 2020 17:46
Operator : CG/JU
Sample : L4485-01
Misc : MDL-SOIL-01
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-01

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Quant Time: Dec 12 00:10:38 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG121120.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 11 14:20:11 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.21	152	26022	20.00	ng/ul	0.00
20) Naphthalene-d8	11.03	136	105959	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.83	164	84989	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.56	188	212237	20.00	ng/ul	0.00
79) Chrysene-d12	21.84	240	233662	20.00	ng/ul	0.00
88) Perylene-d12	25.19	264	234909	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.52	96	2362	3.99	ng/uL	0.00
4) Pyridine-d5	3.95	84	40490	24.11	ng/ul	0.00
7) Phenol-d5	7.34	99	78251	35.84	ng/ul	0.00
9) Bis-(2-Chloroethyl)ether-d	7.52	67	41834	36.37	ng/ul	0.00
11) 2-Chlorophenol-d4	7.73	132	57203	34.65	ng/ul	0.00
15) 4-Methylphenol-d8	8.90	113	60958	36.72	ng/ul	0.00
21) Nitrobenzene-d5	9.37	128	29024	32.55	ng/ul	0.00
24) 2-Nitrophenol-d4	10.10	143	34245	33.74	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.64	165	69430	32.39	ng/ul	0.00
31) 4-Chloroaniline-d4	11.15	131	81799	32.79	ng/ul	0.00
46) Dimethylphthalate-d6	14.22	166	232524	33.15	ng/ul	0.00
49) Acenaphthylene-d8	14.52	160	277308	34.57	ng/ul	0.00
54) 4-Nitrophenol-d4	15.00	143	30898	28.92	ng/ul	0.00
60) Fluorene-d10	15.81	176	203794	31.12	ng/ul	0.00
65) 4,6-Dinitro-2-methylphenol	15.92	200	44801	30.84	ng/ul	0.00
73) Anthracene-d10	17.66	188	343615	33.30	ng/ul	0.00
81) Pyrene-d10	19.93	212	432693	34.21	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.96	264	410241	31.12	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.55	88	717m	1.175	ng/uL	
5) Pyridine	3.99	79	6338m	4.025	ng/ul	
6) Benzaldehyde	7.33	77	5858	5.841	ng/ul#	80
8) Phenol	7.37	94	6619	3.086	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.61	93	5690	3.814	ng/ul#	86
12) 2-Chlorophenol	7.76	128	5566	3.398	ng/ul#	82
13) 2-Methylphenol	8.64	108	5519	3.382	ng/ul#	79
14) 2,2'-oxybis(1-Chloropropan	8.73	45	4442	3.199	ng/ul#	90
16) Acetophenone	9.03	105	9593	3.440	ng/ul#	78
17) N-Nitroso-di-n-propylamine	9.01	70	4667	3.048	ng/ul#	58
18) 4-Methylphenol	8.97	108	6570	3.669	ng/ul#	71
19) Hexachloroethane	9.30	117	2706	3.374	ng/ul#	85
22) Nitrobenzene	9.42	77	8578	3.231	ng/ul	94
23) Isophorone	9.93	82	15130	3.281	ng/ul	99
25) 2-Nitrophenol	10.13	139	3587	3.382	ng/ul#	85
26) 2,4-Dimethylphenol	10.18	107	8307	3.337	ng/ul	97
27) Bis(2-Chloroethoxy)methane	10.42	93	6879	3.126	ng/ul#	86
29) 2,4-Dichlorophenol	10.67	162	7266	3.694	ng/ul	87
30) Naphthalene	11.08	128	19597	3.347	ng/ul#	95
32) 4-Chloroaniline	11.18	127	7368	3.089	ng/ul#	86
33) Hexachlorobutadiene	11.37	225	6971	3.301	ng/ul#	78
34) Caprolactam	11.95	113	2167m	3.253	ng/ul	

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 4-Chloro-3-methylphenol	12.28	107	6209	2.864	ng/ul#	61
36) 2-Methylnaphthalene	12.68	142	15044	3.406	ng/ul	84
37) 1-Methylnaphthalene	12.89	142	13688	3.243	ng/ul	85
39) 1,2,4,5-Tetrachlorobenzene	13.03	216	11368	3.248	ng/ul#	96
40) Hexachlorocyclopentadiene	13.01	237	5461	2.380	ng/ul	94
41) 2,4,6-Trichlorophenol	13.26	196	6754	3.218	ng/ul	94
42) 2,4,5-Trichlorophenol	13.34	196	6743m	3.033	ng/ul	
43) 1,1'-Biphenyl	13.66	154	20768	3.164	ng/ul	96
44) 2-Chloronaphthalene	13.71	162	17118	3.313	ng/ul	96
45) 2-Nitroaniline	13.90	65	5837	3.289	ng/ul	86
47) Dimethylphthalate	14.26	163	23488	3.268	ng/ul#	99
48) 2,6-Dinitrotoluene	14.39	165	4934	3.249	ng/ul#	81
50) Acenaphthylene	14.56	152	24357	3.223	ng/ul#	91
51) 3-Nitroaniline	14.72	138	3824	3.507	ng/ul	85
52) Acenaphthene	14.89	153	16380	3.049	ng/ul	98
53) 2,4-Dinitrophenol	14.93	184	1240m	1.377	ng/ul	
55) 4-Nitrophenol	15.01	109	5900	3.257	ng/ul#	73
56) Dibenzofuran	15.22	168	25275	3.248	ng/ul	92
57) 2,4-Dinitrotoluene	15.17	165	6220	2.858	ng/ul#	91
58) 2,3,4,6-Tetrachlorophenol	15.44	232	5701	2.769	ng/ul#	90
59) Diethylphthalate	15.62	149	22928	3.223	ng/ul	94
61) Fluorene	15.87	166	22328	3.339	ng/ul	92
62) 4-Chlorophenyl-phenylether	15.86	204	13301	3.180	ng/ul	97
63) 4-Nitroaniline	15.87	138	4946	4.825	ng/ul	95
66) 4,6-Dinitro-2-methylphenol	15.93	198	5158	3.498	ng/ul#	43
67) N-Nitrosodiphenylamine	16.06	169	20158	3.413	ng/ul	93
68) 4-Bromophenyl-phenylether	16.75	248	9948	3.651	ng/ul	97
69) Hexachlorobenzene	16.87	284	9996	3.341	ng/ul#	84
70) Atrazine	17.00	200	9757	3.468	ng/ul#	81
71) Pentachlorophenol	17.22	266	1976m	1.405	ng/ul	
72) Phenanthrene	17.61	178	37957	3.294	ng/ul	96
74) Anthracene	17.69	178	39096	3.396	ng/ul	95
75) 1,2,3,4-Tetrachlorobenzene	13.63	216	11201	3.257	ng/uL	94
76) Pentachlorobenzene	15.14	250	12177	3.628	ng/uL	86
77) Carbazole	17.96	167	30482	3.248	ng/ul	97
78) Di-n-butylphthalate	18.50	149	36738	3.192	ng/ul#	96
80) Fluoranthene	19.60	202	55139	3.443	ng/ul	99
82) Pyrene	19.96	202	50043	3.165	ng/ul#	95
83) Butylbenzylphthalate	20.82	149	17188	3.116	ng/ul	87
84) 3,3'-Dichlorobenzidine	21.72	252	20479	3.560	ng/ul#	98
85) Benzo(a)anthracene	21.82	228	55165	3.345	ng/ul	95
86) Bis(2-ethylhexyl)phthalate	21.70	149	23703	3.118	ng/ul	99
87) Chrysene	21.88	228	54445	3.479	ng/ul	97
89) Di-n-octyl phthalate	22.95	149	41353	3.345	ng/ul	100
90) Benzo(b)fluoranthene	24.12	252	53202	3.240	ng/ul#	93
91) Benzo(k)fluoranthene	24.19	252	54361	3.351	ng/ul#	95
93) Benzo(a)pyrene	25.03	252	47929	3.310	ng/ul#	99
94) Indeno(1,2,3-cd)pyrene	29.03	276	59756m	3.335	ng/ul	
95) Dibenzo(a,h)anthracene	29.08	278	51899m	3.488	ng/ul	
96) Benzo(g,h,i)perylene	30.23	276	50706m	3.436	ng/ul	

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

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