Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG072420\
Data File : BG046062.D
Acq On : 24 Jul 2020 12:56
Operator : CG/JU
Sample : L1955-03
Misc : MDL-SOIL-03
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03

Manual Integrations APPROVED
mohammad
7/27/2020 12:20:28 PM

Quant Time: Jul 24 13:34:19 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	97087	20.00	ng/ul	0.00
18) Naphthalene-d8	10.76	136	408166	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.59	164	277048	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.33	188	618192	20.00	ng/ul	0.00
78) Chrysene-d12	21.57	240	628427	20.00	ng/ul	0.00
86) Perylene-d12	24.69	264	701646	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.43	96	3851	1.96	ng/uL	0.00
5) Phenol-d5	7.13	99	215925	28.34	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.29	67	135077	28.62	ng/ul	0.00
9) 2-Chlorophenol-d4	7.50	132	176488	28.94	ng/ul	0.00
13) 4-Methylphenol-d8	8.67	113	177842	27.67	ng/ul	0.00
19) Nitrobenzene-d5	9.11	128	84871	29.45	ng/ul	0.00
22) 2-Nitrophenol-d4	9.84	143	92238	31.32	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.38	165	188084	28.21	ng/ul	0.00
29) 4-Chloroaniline-d4	10.89	131	258252	34.40	ng/ul	0.00
44) Dimethylphthalate-d6	14.00	166	632286	29.26	ng/ul	0.00
47) Acenaphthylene-d8	14.28	160	761181	29.69	ng/ul	0.00
52) 4-Nitrophenol-d4	14.77	143	93450	26.48	ng/ul	0.00
58) Fluorene-d10	15.58	176	563314	28.65	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.69	200	81954	26.49	ng/ul	0.00
71) Anthracene-d10	17.43	188	841529	29.52	ng/ul	0.00
79) Pyrene-d10	19.71	212	1012625	30.47	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.48	264	1054984	27.13	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.46	88	4013	1.667	ng/uL#	89
4) Benzaldehyde	7.10	77	13635m	2.510	ng/ul	
6) Phenol	7.15	94	31380	3.999	ng/ul	100
8) Bis(2-Chloroethyl)ether	7.38	93	26449	4.118	ng/ul	99
10) 2-Chlorophenol	7.53	128	24521	3.966	ng/ul	95
11) 2-Methylphenol	8.40	108	22162	3.505	ng/ul	94
12) 2,2'-oxybis(1-Chloropropan	8.50	45	44811	4.128	ng/ul	98
14) Acetophenone	8.78	105	39319	4.146	ng/ul	97
15) N-Nitroso-di-n-propylamine	8.77	70	20127	3.922	ng/ul	97
16) 4-Methylphenol	8.73	108	25834	3.813	ng/ul	91
17) Hexachloroethane	9.05	117	10341	3.942	ng/ul	92
20) Nitrobenzene	9.15	77	28998	3.917	ng/ul	98
21) Isophorone	9.68	82	54763	3.785	ng/ul	93
23) 2-Nitrophenol	9.87	139	14088	4.273	ng/ul	92
24) 2,4-Dimethylphenol	9.94	107	26289	3.598	ng/ul	96
25) Bis(2-Chloroethoxy)methane	10.16	93	35434	3.872	ng/ul	97
27) 2,4-Dichlorophenol	10.41	162	26194	3.987	ng/ul	91
28) Naphthalene	10.81	128	86647	3.967	ng/ul	96
30) 4-Chloroaniline	10.91	127	33758	4.675	ng/ul	95
31) Hexachlorobutadiene	11.11	225	19928	3.941	ng/ul	92
32) Caprolactam	11.69	113	6554m	2.959	ng/ul	
33) 4-Chloro-3-methylphenol	12.03	107	24544	3.643	ng/ul	98
34) 2-Methylnaphthalene	12.41	142	67944	4.137	ng/ul	99

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG072420\
Data File : BG046062.D
Acq On : 24 Jul 2020 12:56
Operator : CG/JU
Sample : L1955-03
Misc : MDL-SOIL-03
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03

Manual Integrations APPROVED
mohammad
7/27/2020 12:20:28 PM

Quant Time: Jul 24 13:34:19 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)
35) 1-Methylnaphthalene	12.63	142	67021	4.132 ng/uL	98
37) 1,2,4,5-Tetrachlorobenzene	12.78	216	40458	4.224 ng/ul	97
38) Hexachlorocyclopentadiene	12.77	237	13887	2.532 ng/ul	94
39) 2,4,6-Trichlorophenol	13.02	196	19506	3.484 ng/ul	94
40) 2,4,5-Trichlorophenol	13.09	196	21628	3.554 ng/ul	96
41) 1,1'-Biphenyl	13.43	154	91691	4.278 ng/ul	100
42) 2-Chloronaphthalene	13.46	162	72640	4.247 ng/ul	97
43) 2-Nitroaniline	13.65	65	13828	3.430 ng/ul	90
45) Dimethylphthalate	14.04	163	88737	4.095 ng/ul	97
46) 2,6-Dinitrotoluene	14.15	165	14759	3.571 ng/ul	96
48) Acenaphthylene	14.31	152	106916	4.075 ng/ul	97
49) 3-Nitroaniline	14.48	138	12094	3.107 ng/ul#	94
50) Acenaphthene	14.65	153	76947	4.073 ng/ul	93
51) 2,4-Dinitrophenol	14.69	184	4885	2.670 ng/ul	96
53) 4-Nitrophenol	14.78	109	9014m	3.560 ng/ul	
54) Dibenzofuran	14.98	168	111370	4.323 ng/ul	99
55) 2,4-Dinitrotoluene	14.94	165	21378	3.633 ng/ul	100
56) 2,3,4,6-Tetrachlorophenol	15.21	232	21677	3.820 ng/ul	97
57) Diethylphthalate	15.41	149	85007	3.971 ng/ul	99
59) Fluorene	15.63	166	89452	4.095 ng/ul	97
60) 4-Chlorophenyl-phenylether	15.63	204	46207	4.026 ng/ul	97
61) 4-Nitroaniline	15.63	138	12863m	2.964 ng/ul	
64) 4,6-Dinitro-2-methylphenol	15.70	198	12360	3.750 ng/ul#	78
65) N-Nitrosodiphenylamine	15.84	169	75809	4.217 ng/ul	96
66) 4-Bromophenyl-phenylether	16.52	248	32439	4.223 ng/ul	96
67) Hexachlorobenzene	16.64	284	35788	4.127 ng/ul	99
68) Atrazine	16.79	200	27903	3.883 ng/ul	99
69) Pentachlorophenol	16.99	266	13294m	2.876 ng/ul	
70) Phenanthrene	17.37	178	147122	4.264 ng/ul	97
72) Anthracene	17.46	178	144345	4.199 ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	13.39	216	42418	4.569 ng/uL	97
74) Pentachlorobenzene	14.91	250	40752	4.347 ng/uL	96
75) Carbazole	17.73	167	122991	4.458 ng/ul	95
76) Di-n-butylphthalate	18.30	149	132442	3.902 ng/ul	98
77) Fluoranthene	19.38	202	182670	4.827 ng/ul	99
80) Pyrene	19.74	202	185690	4.370 ng/ul	100
81) Butylbenzylphthalate	20.63	149	54804	3.757 ng/ul	98
82) 3,3'-Dichlorobenzidine	21.47	252	52391	3.884 ng/ul	96
83) Benzo(a)anthracene	21.56	228	186998	4.518 ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.49	149	79983	3.770 ng/ul	95
85) Chrysene	21.62	228	176245	4.381 ng/ul	96
87) Di-n-octyl phthalate	22.67	149	129598	3.535 ng/ul	100
88) Benzo(b)fluoranthene	23.70	252	181634	3.832 ng/ul	96
89) Benzo(k)fluoranthene	23.77	252	185826	3.993 ng/ul	98
91) Benzo(a)pyrene	24.54	252	177230	4.077 ng/ul	96
92) Indeno(1,2,3-cd)pyrene	28.20	276	203284	3.745 ng/ul	97
93) Dibenzo(a,h)anthracene	28.27	278	166881	3.758 ng/ul	99
94) Benzo(g,h,i)perylene	29.29	276	173319	3.777 ng/ul	95

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG072420\
Data File : BG046062.D
Acq On : 24 Jul 2020 12:56
Operator : CG/JU
Sample : L1955-03
Misc : MDL-SOIL-03
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03

Manual Integrations APPROVED
mohammad
7/27/2020 12:20:28 PM

Quant Time: Jul 24 13:34:19 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)

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

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG072420\
Data File : BG046062.D
Acq On : 24 Jul 2020 12:56
Operator : CG/JU
Sample : L1955-03
Misc : MDL-SOIL-03
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Jul 24 13:34:19 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

Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03

Manual Integrations APPROVED
mohammad
7/27/2020 12:20:28 PM