Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG072720\
Data File : BG046087.D
Acq On : 27 Jul 2020 14:17
Operator : CG/JU
Sample : L1955-12
Misc : MDL-WTR-05
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MDL-WATER-05

Manual Integrations APPROVED
mohammad
7/28/2020 11:42:47 AM

Quant Time: Jul 27 15:04:22 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG072320MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jul 27 10:02:22 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.96	152	100273	20.00	ng/ul	0.00
18) Naphthalene-d8	10.76	136	426406	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.59	164	292788	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.33	188	641513	20.00	ng/ul	0.00
78) Chrysene-d12	21.57	240	643617	20.00	ng/ul	0.00
86) Perylene-d12	24.69	264	705542	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.42	96	4002	1.97	ng/uL	0.00
5) Phenol-d5	7.12	99	232067	29.49	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.29	67	145415	29.83	ng/ul	0.00
9) 2-Chlorophenol-d4	7.49	132	190606	30.26	ng/ul	0.00
13) 4-Methylphenol-d8	8.66	113	192725	29.03	ng/ul	0.00
19) Nitrobenzene-d5	9.11	128	94199	31.28	ng/ul	0.00
22) 2-Nitrophenol-d4	9.84	143	101843	33.10	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.38	165	201609	28.95	ng/ul	0.00
29) 4-Chloroaniline-d4	10.88	131	276302	35.23	ng/ul	0.00
44) Dimethylphthalate-d6	13.99	166	676022	29.60	ng/ul	0.00
47) Acenaphthylene-d8	14.28	160	825316	30.46	ng/ul	0.00
52) 4-Nitrophenol-d4	14.77	143	100843	27.04	ng/ul	0.00
58) Fluorene-d10	15.58	176	603976	29.06	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.69	200	88664	27.62	ng/ul	0.00
71) Anthracene-d10	17.42	188	896206	30.29	ng/ul	0.00
79) Pyrene-d10	19.71	212	1058716	31.10	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.48	264	1090999	27.90	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.46	88	3783	1.522	ng/uL	95
4) Benzaldehyde	7.10	77	15155m	2.701	ng/ul	
6) Phenol	7.15	94	33030	4.075	ng/ul	94
8) Bis(2-Chloroethyl)ether	7.38	93	27487	4.144	ng/ul	99
10) 2-Chlorophenol	7.53	128	27124	4.248	ng/ul#	93
11) 2-Methylphenol	8.40	108	24121	3.693	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.49	45	47707	4.255	ng/ul	99
14) Acetophenone	8.78	105	42340	4.323	ng/ul	97
15) N-Nitroso-di-n-propylamine	8.76	70	22329	4.213	ng/ul	96
16) 4-Methylphenol	8.72	108	27728	3.963	ng/ul	90
17) Hexachloroethane	9.05	117	11354	4.191	ng/ul	94
20) Nitrobenzene	9.16	77	31890	4.123	ng/ul	97
21) Isophorone	9.68	82	60862	4.026	ng/ul	99
23) 2-Nitrophenol	9.87	139	15616	4.533	ng/ul	95
24) 2,4-Dimethylphenol	9.93	107	25974	3.403	ng/ul	90
25) Bis(2-Chloroethoxy)methane	10.16	93	39774	4.160	ng/ul#	96
27) 2,4-Dichlorophenol	10.40	162	28797	4.195	ng/ul#	87
28) Naphthalene	10.81	128	93291	4.088	ng/ul	99
30) 4-Chloroaniline	10.91	127	36547	4.845	ng/ul	96
31) Hexachlorobutadiene	11.11	225	21593	4.088	ng/ul	95
32) Caprolactam	11.67	113	7685m	3.321	ng/ul	
33) 4-Chloro-3-methylphenol	12.03	107	25087	3.565	ng/ul	97
34) 2-Methylnaphthalene	12.41	142	71763	4.183	ng/ul	95

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG072720\
Data File : BG046087.D
Acq On : 27 Jul 2020 14:17
Operator : CG/JU
Sample : L1955-12
Misc : MDL-WTR-05
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MDL-WATER-05

Manual Integrations APPROVED
mohammad
7/28/2020 11:42:47 AM

Quant Time: Jul 27 15:04:22 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG072320MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jul 27 10:02:22 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
35) 1-Methylnaphthalene	12.63	142	70063	4.135 ng/uL	100
37) 1,2,4,5-Tetrachlorobenzene	12.78	216	43751	4.322 ng/ul	96
38) Hexachlorocyclopentadiene	12.77	237	14631	2.525 ng/ul	95
39) 2,4,6-Trichlorophenol	13.02	196	21587	3.648 ng/ul	97
40) 2,4,5-Trichlorophenol	13.09	196	24381	3.791 ng/ul	97
41) 1,1'-Biphenyl	13.42	154	96334	4.253 ng/ul	100
42) 2-Chloronaphthalene	13.46	162	76313	4.222 ng/ul	98
43) 2-Nitroaniline	13.65	65	16157	3.792 ng/ul	86
45) Dimethylphthalate	14.04	163	94245	4.115 ng/ul	99
46) 2,6-Dinitrotoluene	14.15	165	16730	3.831 ng/ul	93
48) Acenaphthylene	14.30	152	114099	4.115 ng/ul	99
49) 3-Nitroaniline	14.47	138	13742	3.340 ng/ul	99
50) Acenaphthene	14.65	153	81296	4.072 ng/ul	98
51) 2,4-Dinitrophenol	14.69	184	3722	1.925 ng/ul	95
53) 4-Nitrophenol	14.79	109	9658	3.609 ng/ul#	64
54) Dibenzofuran	14.99	168	119639	4.394 ng/ul	97
55) 2,4-Dinitrotoluene	14.94	165	23649	3.803 ng/ul	97
56) 2,3,4,6-Tetrachlorophenol	15.21	232	21775	3.631 ng/ul#	96
57) Diethylphthalate	15.40	149	90948	4.021 ng/ul	97
59) Fluorene	15.63	166	95529	4.138 ng/ul	99
60) 4-Chlorophenyl-phenylether	15.63	204	48868	4.029 ng/ul	97
61) 4-Nitroaniline	15.64	138	14860m	3.240 ng/ul	
64) 4,6-Dinitro-2-methylphenol	15.70	198	13469	3.938 ng/ul#	96
65) N-Nitrosodiphenylamine	15.84	169	82199	4.407 ng/ul	99
66) 4-Bromophenyl-phenylether	16.52	248	33435	4.194 ng/ul	97
67) Hexachlorobenzene	16.64	284	38952	4.329 ng/ul	96
68) Atrazine	16.78	200	30415	4.079 ng/ul	93
69) Pentachlorophenol	16.98	266	14920m	3.111 ng/ul	
70) Phenanthrene	17.37	178	157400	4.396 ng/ul	99
72) Anthracene	17.46	178	152636	4.279 ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	13.39	216	45742	4.748 ng/uL	93
74) Pentachlorobenzene	14.91	250	43479	4.469 ng/uL	94
75) Carbazole	17.72	167	131349	4.588 ng/ul	98
76) Di-n-butylphthalate	18.30	149	144376	4.099 ng/ul	98
77) Fluoranthene	19.37	202	193049	4.916 ng/ul	99
80) Pyrene	19.74	202	195480	4.492 ng/ul	98
81) Butylbenzylphthalate	20.63	149	58594	3.922 ng/ul	93
82) 3,3'-Dichlorobenzidine	21.47	252	54284	3.930 ng/ul	98
83) Benzo(a)anthracene	21.55	228	193373	4.562 ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.49	149	84062	3.868 ng/ul	95
85) Chrysene	21.62	228	181715	4.410 ng/ul	97
87) Di-n-octyl phthalate	22.67	149	134838	3.657 ng/ul	100
88) Benzo(b)fluoranthene	23.70	252	187136	3.926 ng/ul	97
89) Benzo(k)fluoranthene	23.77	252	191184	4.085 ng/ul	99
91) Benzo(a)pyrene	24.54	252	185174	4.236 ng/ul	99
92) Indeno(1,2,3-cd)pyrene	28.21	276	201657	3.694 ng/ul	98
93) Dibenzo(a,h)anthracene	28.26	278	170801	3.825 ng/ul	97
94) Benzo(g,h,i)perylene	29.29	276	175026	3.793 ng/ul	97

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG072720\
Data File : BG046087.D
Acq On : 27 Jul 2020 14:17
Operator : CG/JU
Sample : L1955-12
Misc : MDL-WTR-05
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MDL-WATER-05

Manual Integrations APPROVED
mohammad
7/28/2020 11:42:47 AM

Quant Time: Jul 27 15:04:22 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG072320MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jul 27 10:02:22 2020
Response via : Initial Calibration

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

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG072720\
Data File : BG046087.D
Acq On : 27 Jul 2020 14:17
Operator : CG/JU
Sample : L1955-12
Misc : MDL-WTR-05
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Jul 27 15:04:22 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG072320MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jul 27 10:02:22 2020
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
MDL-WATER-05

Manual Integrations APPROVED
mohammad
7/28/2020 11:42:47 AM