Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG071415\
Data File : BG017879.D
Acq On : 15 Jul 2015 4:58
Operator : TP/UM
Sample : MDL-03-W
Misc : MDL-WATER-SVOC-4PPM
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MDL-03-W

Manual Integrations APPROVED
apatel
7/16/2015 8:19:14 AM

Quant Time: Jul 15 08:45:31 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG071415.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jul 15 07:22:18 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	67268	20.00	ng/ul	0.00
18) Naphthalene-d8	10.37	136	297080	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.25	164	164681	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.00	188	340991	20.00	ng/ul	0.00
77) Chrysene-d12	21.20	240	336242	20.00	ng/ul	0.00
85) Perylene-d12	23.42	264	310646	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.12	96	9744	5.18	ng/uL	0.00
5) Phenol-d5	6.77	99	157982	27.22	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.93	67	114676	28.92	ng/ul	0.00
9) 2-Chlorophenol-d4	7.12	132	130387	28.94	ng/ul	0.00
13) 4-Methylphenol-d8	8.29	113	120448	27.08	ng/ul	0.00
19) Nitrobenzene-d5	8.74	128	69054	29.79	ng/ul	0.00
22) 2-Nitrophenol-d4	9.46	143	49898	28.67	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.99	165	100216	28.07	ng/ul	0.00
29) 4-Chloroaniline-d4	10.51	131	186601	36.30	ng/ul	0.00
43) Dimethylphthalate-d6	13.66	166	365793	31.86	ng/ul	0.00
46) Acenaphthylene-d8	13.93	160	479473	32.13	ng/ul	0.00
51) 4-Nitrophenol-d4	14.45	143	58762	27.12	ng/ul	0.00
57) Fluorene-d10	15.25	176	346683	32.46	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.37	200	36352	22.78	ng/ul	0.00
70) Anthracene-d10	17.10	188	556894	36.04	ng/ul	0.00
78) Pyrene-d10	19.40	212	609941	38.52	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.28	264	535375	35.16	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.17	88	1147	0.57	ng/uL#	19
4) Benzaldehyde	6.74	77	13813	4.07	ng/ul	95
6) Phenol	6.79	94	17355	2.73	ng/ul	92
8) Bis(2-Chloroethyl)ether	7.03	93	15841	3.05	ng/ul	93
10) 2-Chlorophenol	7.15	128	12063	2.65	ng/ul	97
11) 2-Methylphenol	8.03	108	11340	2.45	ng/ul	86
12) 2,2'-oxybis(1-Chloropropan	8.13	45	21456	2.84	ng/ul	97
14) Acetophenone	8.40	105	21674	2.93	ng/ul#	83
15) N-Nitroso-di-n-propylamine	8.39	70	12031	2.64	ng/ul#	89
16) 4-Methylphenol	8.36	108	12786	2.54	ng/ul	95
17) Hexachloroethane	8.65	117	6015	2.77	ng/ul	88
20) Nitrobenzene	8.78	77	17078	2.79	ng/ul#	93
21) Isophorone	9.30	82	30260	2.64	ng/ul#	98
23) 2-Nitrophenol	9.49	139	5220	2.53	ng/ul	87
24) 2,4-Dimethylphenol	9.56	107	13511	2.56	ng/ul	92
25) Bis(2-Chloroethoxy)methane	9.79	93	18723	2.91	ng/ul	96
27) 2,4-Dichlorophenol	10.02	162	10449	2.90	ng/ul#	81
28) Naphthalene	10.42	128	43932	2.86	ng/ul#	96
30) 4-Chloroaniline	10.53	127	15203	2.85	ng/ul	92
31) Hexachlorobutadiene	10.70	225	6233	2.75	ng/ul#	84
32) Caprolactam	11.31	113	3107	1.18	ng/ul#	73
33) 4-Chloro-3-methylphenol	11.66	107	9842	2.23	ng/ul#	84
34) 2-Methylnaphthalene	12.04	142	29502	2.83	ng/ul	95

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG071415\
Data File : BG017879.D
Acq On : 15 Jul 2015 4:58
Operator : TP/UM
Sample : MDL-03-W
Misc : MDL-WATER-SVOC-4PPM
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MDL-03-W

Manual Integrations APPROVED
apatel
7/16/2015 8:19:14 AM

Quant Time: Jul 15 08:45:31 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG071415.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jul 15 07:22:18 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.41	216	12331	2.85	ng/ul#	95
37) Hexachlorocyclopentadiene	12.40	237	4442	1.97	ng/ul#	86
38) 2,4,6-Trichlorophenol	12.67	196	5025m	2.14	ng/ul	
39) 2,4,5-Trichlorophenol	12.72	196	5589	2.18	ng/ul	92
40) 1,1'-Biphenyl	13.07	154	37938	2.98	ng/ul#	95
41) 2-Chloronaphthalene	13.11	162	28055	2.87	ng/ul	94
42) 2-Nitroaniline	13.32	65	6026	2.10	ng/ul	94
44) Dimethylphthalate	13.71	163	36616	3.04	ng/ul	98
45) 2,6-Dinitrotoluene	13.83	165	5177	2.36	ng/ul#	80
47) Acenaphthylene	13.96	152	51711	3.13	ng/ul	98
48) 3-Nitroaniline	14.15	138	5611	2.24	ng/ul#	88
49) Acenaphthene	14.31	153	36940	3.33	ng/ul	94
50) 2,4-Dinitrophenol	14.36	184	1153	1.24	ng/ul#	63
52) 4-Nitrophenol	14.46	109	4891	2.66	ng/ul	95
53) Dibenzofuran	14.64	168	47072	3.22	ng/ul	97
54) 2,4-Dinitrotoluene	14.62	165	8706	2.76	ng/ul#	79
55) 2,3,4,6-Tetrachlorophenol	14.87	232	4352	2.20	ng/ul#	97
56) Diethylphthalate	15.08	149	36808	2.96	ng/ul	97
58) Fluorene	15.30	166	39488	3.11	ng/ul	92
59) 4-Chlorophenyl-phenylether	15.30	204	18183	3.08	ng/ul	94
60) 4-Nitroaniline	15.32	138	7115	2.39	ng/ul#	86
63) 4,6-Dinitro-2-methylphenol	15.37	198	3835	2.16	ng/ul#	37
64) N-Nitrosodiphenylamine	15.52	169	30513	2.94	ng/ul	95
65) 4-Bromophenyl-phenylether	16.20	248	10112	3.09	ng/ul	97
66) Hexachlorobenzene	16.30	284	11542	3.25	ng/ul#	94
67) Atrazine	16.47	200	9359	2.63	ng/ul#	95
68) Pentachlorophenol	16.65	266	2652	1.51	ng/ul#	81
69) Phenanthrene	17.04	178	61699	3.28	ng/ul	99
71) Anthracene	17.13	178	66436	3.45	ng/ul	96
72) 1,2,3,4-Tetrachlorobenzene	13.03	216	12022	2.77	ng/uL	96
73) Pentachlorobenzene	14.56	250	14430	3.47	ng/uL	97
74) Carbazole	17.40	167	56119	3.34	ng/ul	95
75) Di-n-butylphthalate	17.98	149	59226	2.81	ng/ul	97
76) Fluoranthene	19.06	202	67161	3.51	ng/ul	97
79) Pyrene	19.43	202	78295	3.78	ng/ul	98
80) Butylbenzylphthalate	20.35	149	17148	2.05	ng/ul#	85
81) 3,3'-Dichlorobenzidine	21.12	252	8459	1.68	ng/ul	92
82) Benzo(a)anthracene	21.18	228	64900	3.50	ng/ul	98
83) Bis(2-ethylhexyl)phthalate	21.13	149	20499	1.77	ng/ul#	89
84) Chrysene	21.23	228	64743	3.63	ng/ul	98
86) Di-n-octyl phthalate	22.00	149	32256	1.77	ng/ul	100
87) Benzo(b)fluoranthene	22.75	252	55336	3.23	ng/ul	95
88) Benzo(k)fluoranthene	22.79	252	52875	2.99	ng/ul	95
90) Benzo(a)pyrene	23.32	252	62567	3.63	ng/ul#	95
91) Indeno(1,2,3-cd)pyrene	25.66	276	53736m	2.92	ng/ul	
92) Dibenzo(a,h)anthracene	25.67	278	43789	2.79	ng/ul	97
93) Benzo(g,h,i)perylene	26.34	276	48401	3.14	ng/ul	98

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

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG071415\
Data File : BG017879.D
Acq On : 15 Jul 2015 4:58
Operator : TP/UM
Sample : MDL-03-W
Misc : MDL-WATER-SVOC-4PPM
ALS Vial : 20 Sample Multiplier: 1

Quant Time: Jul 15 08:45:31 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG071415.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jul 15 07:22:18 2015
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
MDL-03-W

Manual Integrations APPROVED
apatel
7/16/2015 8:19:14 AM