Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG071415\
Data File : BG017871.D
Acq On : 14 Jul 2015 23:08
Operator : TP/UM
Sample : MDL-04-S
Misc : MDL-SOIL-SVOC-4PPM
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MDL-04-S

Manual Integrations APPROVED
apatel
7/16/2015 8:18:32 AM

Quant Time: Jul 15 06:53:05 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG071415.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jul 15 02:46:41 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	67645	20.00	ng/ul	0.00
18) Naphthalene-d8	10.37	136	302401	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.24	164	175351	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.99	188	354899	20.00	ng/ul	0.00
77) Chrysene-d12	21.20	240	345150	20.00	ng/ul	0.00
85) Perylene-d12	23.42	264	323578	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.12	96	9950	5.26	ng/uL	0.00
5) Phenol-d5	6.77	99	168748	28.91	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.93	67	116257	29.15	ng/ul	0.00
9) 2-Chlorophenol-d4	7.12	132	132799	29.31	ng/ul	0.00
13) 4-Methylphenol-d8	8.29	113	127408	28.49	ng/ul	0.00
19) Nitrobenzene-d5	8.74	128	71181	30.17	ng/ul	0.00
22) 2-Nitrophenol-d4	9.46	143	52627	29.71	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.99	165	103045	28.35	ng/ul	0.00
29) 4-Chloroaniline-d4	10.51	131	188125	35.95	ng/ul	0.00
43) Dimethylphthalate-d6	13.66	166	373423	30.54	ng/ul	0.00
46) Acenaphthylene-d8	13.93	160	485131	30.53	ng/ul	0.00
51) 4-Nitrophenol-d4	14.45	143	59261	25.69	ng/ul	0.00
57) Fluorene-d10	15.24	176	346561	30.47	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.37	200	28396	17.10	ng/ul	0.00
70) Anthracene-d10	17.09	188	509810	31.70	ng/ul	0.00
78) Pyrene-d10	19.40	212	557695	34.31	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.28	264	480827	30.32	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.15	88	1530m	0.76	ng/uL	
4) Benzaldehyde	6.74	77	13956	4.08	ng/ul	98
6) Phenol	6.79	94	17712	2.77	ng/ul	94
8) Bis(2-Chloroethyl)ether	7.02	93	16392	3.14	ng/ul#	83
10) 2-Chlorophenol	7.15	128	13119	2.87	ng/ul#	91
11) 2-Methylphenol	8.03	108	11856	2.55	ng/ul	94
12) 2,2'-oxybis(1-Chloropropan	8.13	45	22100	2.91	ng/ul#	94
14) Acetophenone	8.40	105	23838	3.20	ng/ul	93
15) N-Nitroso-di-n-propylamine	8.39	70	13351	2.91	ng/ul#	90
16) 4-Methylphenol	8.36	108	13845m	2.73	ng/ul	
17) Hexachloroethane	8.66	117	6199	2.84	ng/ul	95
20) Nitrobenzene	8.78	77	18034	2.90	ng/ul#	88
21) Isophorone	9.30	82	33408	2.87	ng/ul	96
23) 2-Nitrophenol	9.49	139	6353	3.02	ng/ul	87
24) 2,4-Dimethylphenol	9.56	107	14612	2.72	ng/ul	90
25) Bis(2-Chloroethoxy)methane	9.79	93	18390	2.81	ng/ul#	94
27) 2,4-Dichlorophenol	10.01	162	10075	2.75	ng/ul#	81
28) Naphthalene	10.41	128	47863	3.06	ng/ul	99
30) 4-Chloroaniline	10.53	127	15632	2.88	ng/ul	96
31) Hexachlorobutadiene	10.71	225	6191	2.68	ng/ul#	82
32) Caprolactam	11.31	113	4489m	1.67	ng/ul	
33) 4-Chloro-3-methylphenol	11.67	107	10241	2.28	ng/ul#	93
34) 2-Methylnaphthalene	12.04	142	31189	2.94	ng/ul	89

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG071415\
Data File : BG017871.D
Acq On : 14 Jul 2015 23:08
Operator : TP/UM
Sample : MDL-04-S
Misc : MDL-SOIL-SVOC-4PPM
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MDL-04-S

Manual Integrations APPROVED
apatel
7/16/2015 8:18:32 AM

Quant Time: Jul 15 06:53:05 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG071415.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jul 15 02:46:41 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.42	216	13002	2.82	ng/ul#	85
37) Hexachlorocyclopentadiene	12.40	237	5290	2.21	ng/ul#	75
38) 2,4,6-Trichlorophenol	12.66	196	5517m	2.21	ng/ul	
39) 2,4,5-Trichlorophenol	12.73	196	6751	2.47	ng/ul	96
40) 1,1'-Biphenyl	13.07	154	39703	2.93	ng/ul	93
41) 2-Chloronaphthalene	13.11	162	29658	2.85	ng/ul#	93
42) 2-Nitroaniline	13.32	65	6730	2.20	ng/ul	90
44) Dimethylphthalate	13.70	163	38424	2.99	ng/ul	99
45) 2,6-Dinitrotoluene	13.83	165	5037	2.15	ng/ul#	87
47) Acenaphthylene	13.96	152	54323	3.09	ng/ul	98
48) 3-Nitroaniline	14.16	138	6693	2.51	ng/ul	91
49) Acenaphthene	14.31	153	34598	2.93	ng/ul	99
50) 2,4-Dinitrophenol	14.36	184	790	0.80	ng/ul#	35
52) 4-Nitrophenol	14.46	109	5379	2.75	ng/ul	85
53) Dibenzofuran	14.64	168	46641	3.00	ng/ul	98
54) 2,4-Dinitrotoluene	14.62	165	7986	2.38	ng/ul#	78
55) 2,3,4,6-Tetrachlorophenol	14.88	232	4525	2.15	ng/ul#	84
56) Diethylphthalate	15.08	149	36960	2.80	ng/ul	99
58) Fluorene	15.30	166	39751	2.94	ng/ul	97
59) 4-Chlorophenyl-phenylether	15.30	204	18075	2.88	ng/ul	92
60) 4-Nitroaniline	15.32	138	7109	2.24	ng/ul#	77
63) 4,6-Dinitro-2-methylphenol	15.38	198	2937	1.59	ng/ul#	73
64) N-Nitrosodiphenylamine	15.51	169	31240	2.89	ng/ul	92
65) 4-Bromophenyl-phenylether	16.20	248	9633	2.83	ng/ul	91
66) Hexachlorobenzene	16.30	284	10866	2.94	ng/ul	98
67) Atrazine	16.47	200	8777	2.37	ng/ul#	88
68) Pentachlorophenol	16.65	266	2489m	1.36	ng/ul	
69) Phenanthrene	17.04	178	59836	3.05	ng/ul	98
71) Anthracene	17.13	178	60792	3.03	ng/ul	96
72) 1,2,3,4-Tetrachlorobenzene	13.03	216	12672	2.81	ng/uL	95
73) Pentachlorobenzene	14.56	250	13849	3.20	ng/uL	92
74) Carbazole	17.40	167	55630	3.18	ng/ul	96
75) Di-n-butylphthalate	17.98	149	58147	2.65	ng/ul	97
76) Fluoranthene	19.06	202	62491	3.14	ng/ul	96
79) Pyrene	19.43	202	72813	3.43	ng/ul	99
80) Butylbenzylphthalate	20.35	149	18878	2.20	ng/ul#	84
81) 3,3'-Dichlorobenzidine	21.12	252	9239	1.79	ng/ul#	88
82) Benzo(a)anthracene	21.18	228	60872	3.19	ng/ul	98
83) Bis(2-ethylhexyl)phthalate	21.13	149	23119	1.94	ng/ul	95
84) Chrysene	21.24	228	59167	3.23	ng/ul	98
86) Di-n-octyl phthalate	22.00	149	35262	1.86	ng/ul	100
87) Benzo(b)fluoranthene	22.75	252	50701m	2.84	ng/ul	
88) Benzo(k)fluoranthene	22.79	252	52067	2.83	ng/ul	98
90) Benzo(a)pyrene	23.32	252	52773	2.94	ng/ul	98
91) Indeno(1,2,3-cd)pyrene	25.67	276	52414	2.73	ng/ul	95
92) Dibenzo(a,h)anthracene	25.68	278	41310	2.53	ng/ul	95
93) Benzo(g,h,i)perylene	26.35	276	44853	2.79	ng/ul	97

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

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG071415\
Data File : BG017871.D
Acq On : 14 Jul 2015 23:08
Operator : TP/UM
Sample : MDL-04-S
Misc : MDL-SOIL-SVOC-4PPM
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Jul 15 06:53:05 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG071415.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jul 15 02:46:41 2015
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
MDL-04-S

Manual Integrations APPROVED
apatel
7/16/2015 8:18:32 AM