Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG071515\
Data File : BG017892.D
Acq On : 15 Jul 2015 18:57
Operator : TP/UM
Sample : MDL-05-S-ML
Misc : MDL-SOIL-SVOC-4PPM-MED LEVEL
ALS Vial : 32 Sample Multiplier: 1

Quant Time: Jul 16 02:09:35 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG071415.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jul 16 01:50:07 2015
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
MDL-05-S-ML

Manual Integrations APPROVED
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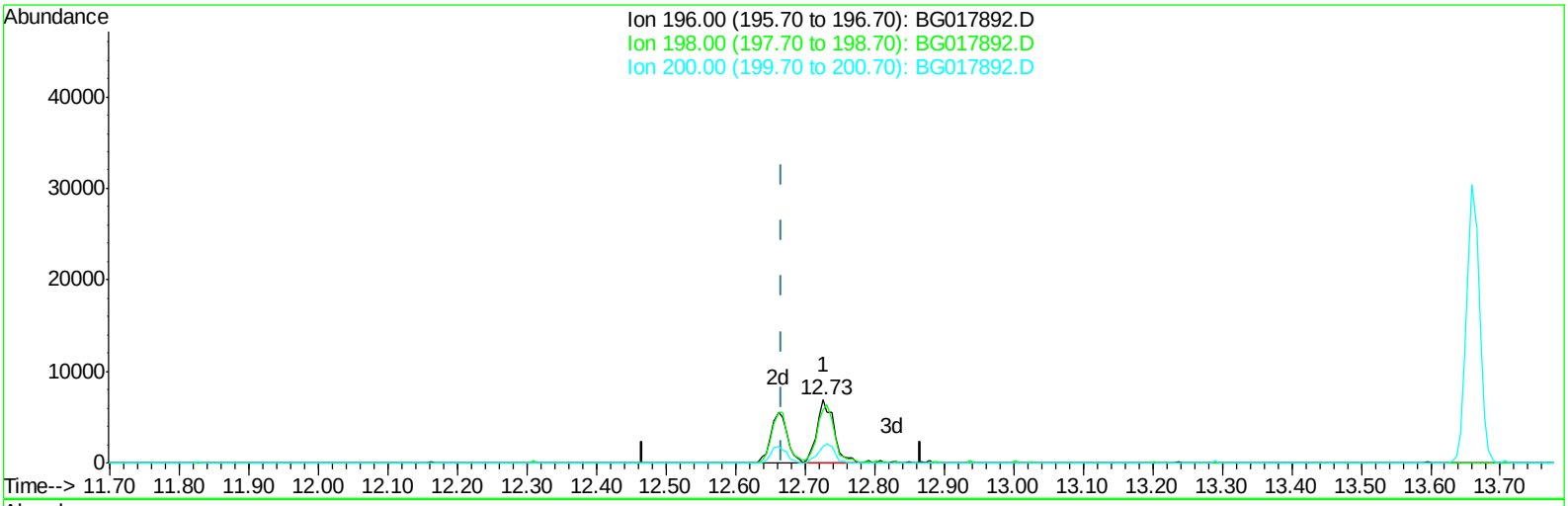

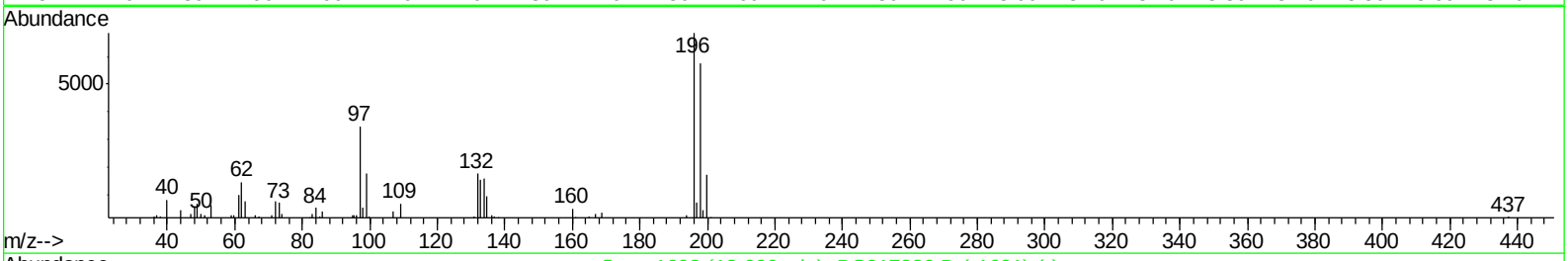

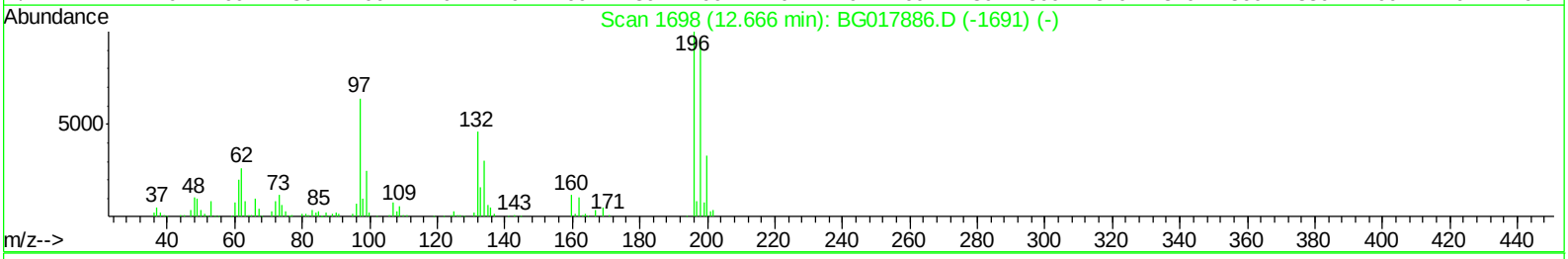

TIC: BG017892.D

(38) 2,4,6-Trichlorophenol (C)

12.726min (+0.060) 3.30ng/ul

response 11625

Ion	Exp%	Act%
196.00	100	100
198.00	86.20	90.24
200.00	27.80	25.32
0.00	0.00	0.00

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ClientSampleId :
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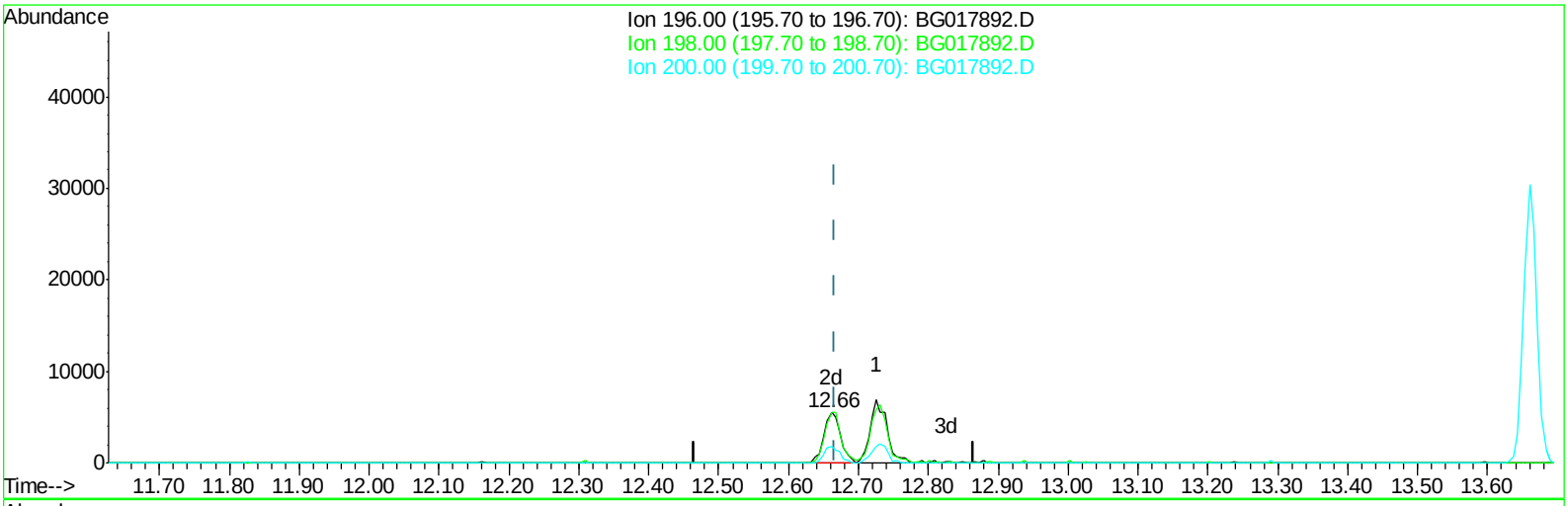

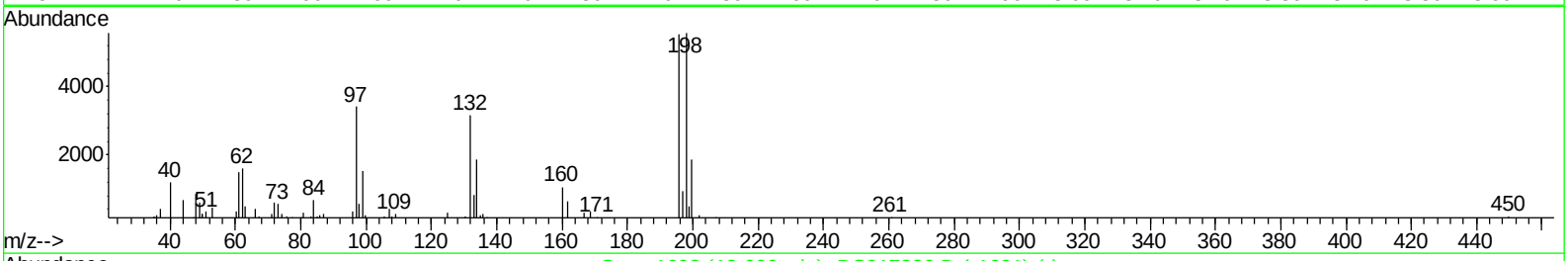

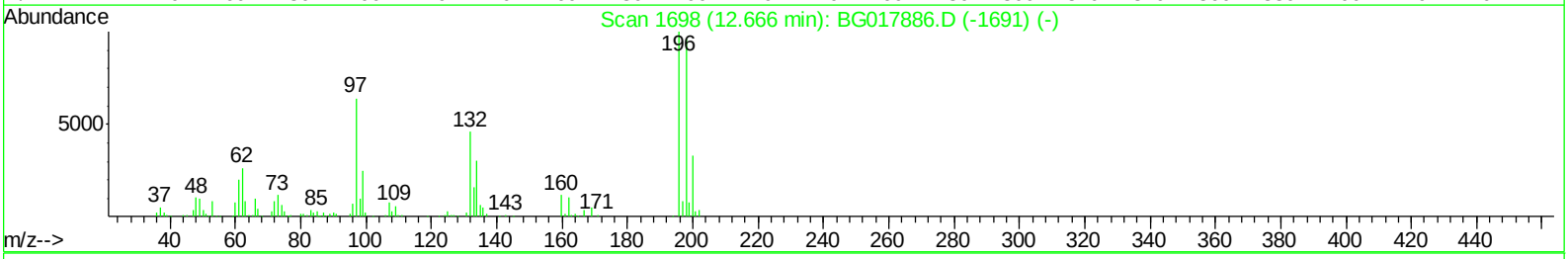

TIC: BG017892.D

(38) 2,4,6-Trichlorophenol (C)

12.661min (-0.005) 2.56ng/ul m

response 9033

Ion	Exp%	Act%
196.00	100	100
198.00	86.20	100.90
200.00	27.80	33.55#
0.00	0.00	0.00

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Instrument :
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ClientSampleId :
MDL-05-S-ML

Manual Integrations APPROVED
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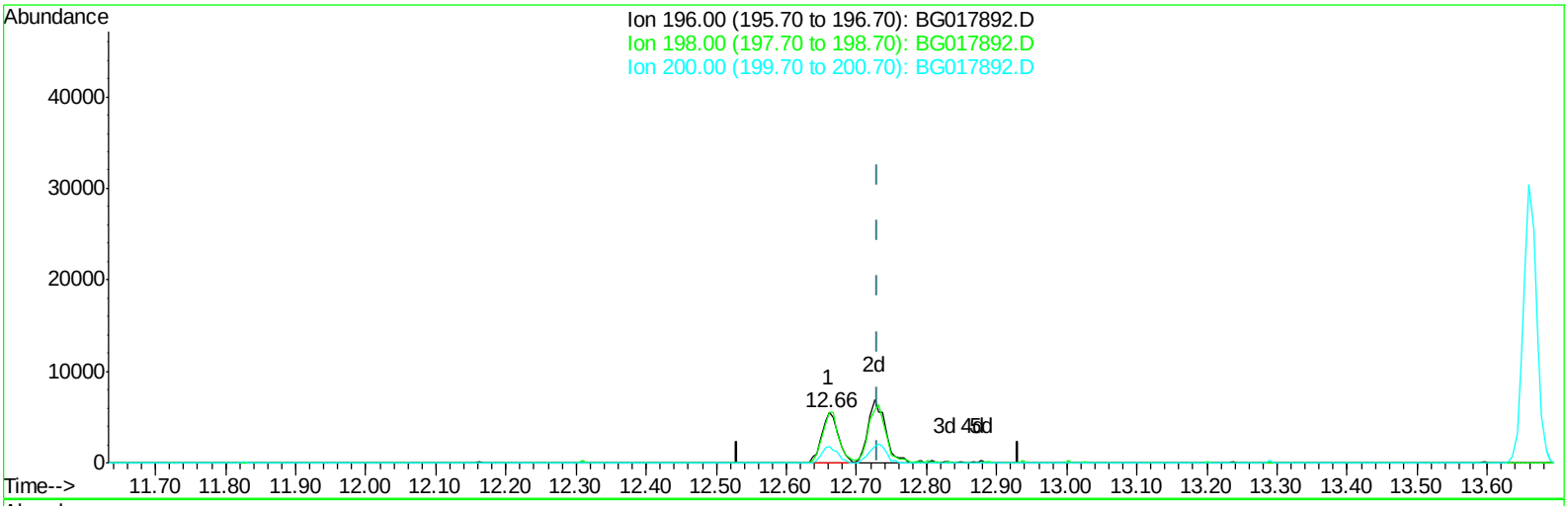

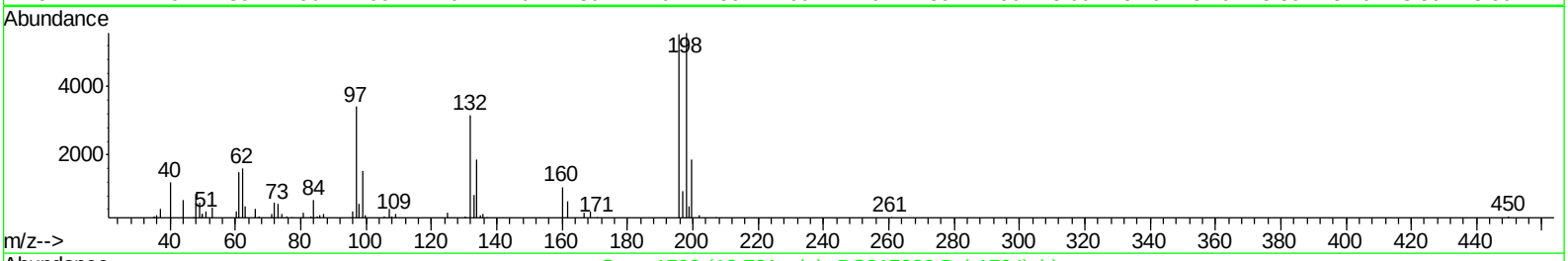

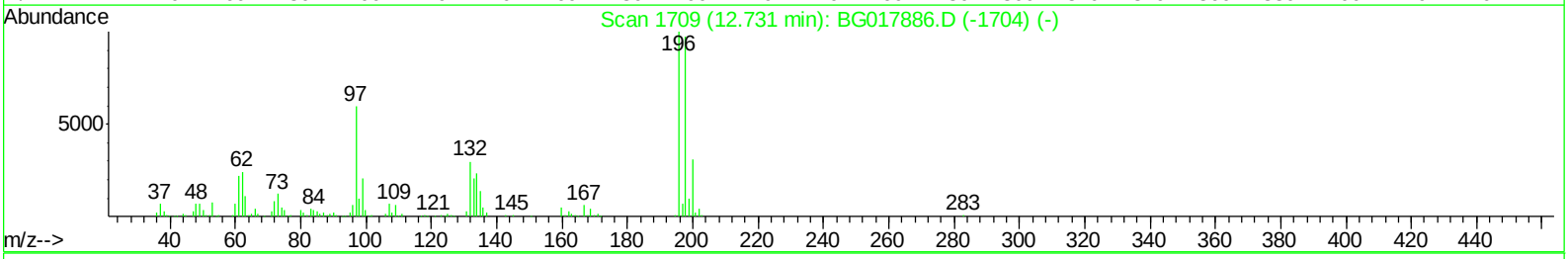

TIC: BG017892.D

(39) 2,4,5-Trichlorophenol

12.661min (-0.070) 2.35ng/ul

response 9032

Ion	Exp%	Act%
196.00	100	100
198.00	95.40	100.90
200.00	31.70	33.55
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG071515\
Data File : BG017892.D
Acq On : 15 Jul 2015 18:57
Operator : TP/UM
Sample : MDL-05-S-ML
Misc : MDL-SOIL-SVOC-4PPM-MED LEVEL
ALS Vial : 32 Sample Multiplier: 1

Quant Time: Jul 16 02:09:35 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG071415.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jul 16 01:50:07 2015
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
MDL-05-S-ML

Manual Integrations APPROVED
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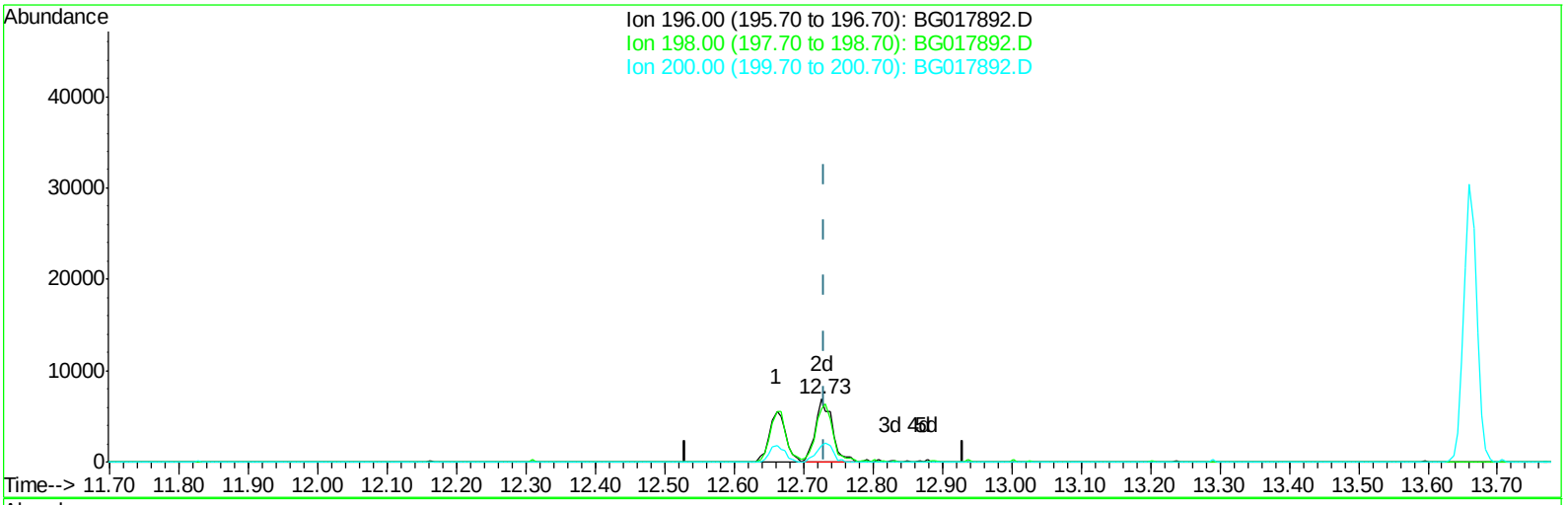

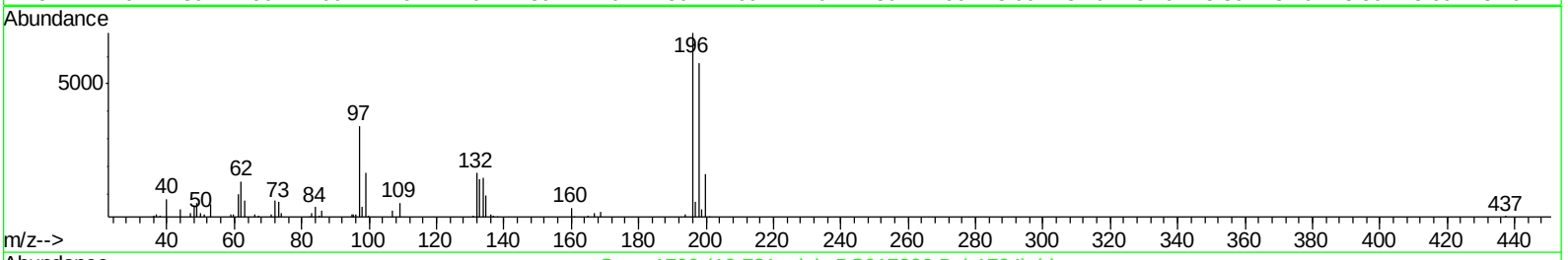

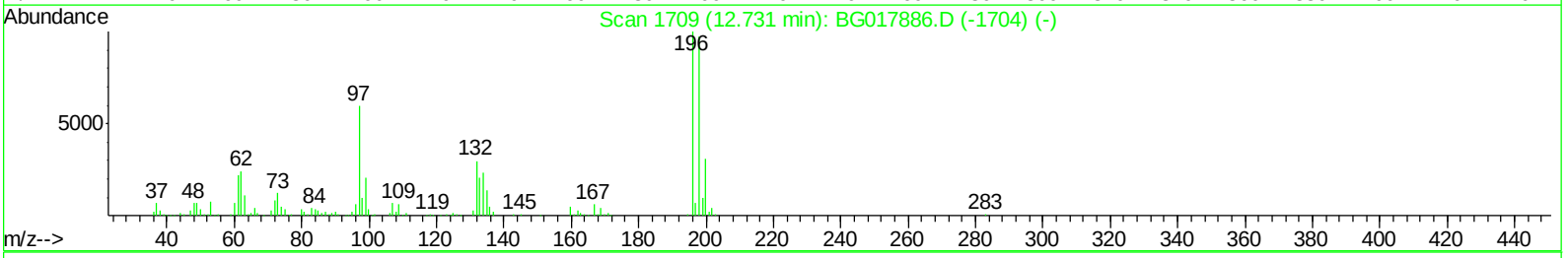

TIC: BG017892.D

(39) 2,4,5-Trichlorophenol

12.726min (-0.005) 3.02ng/ul m

response 11625

Ion	Exp%	Act%
196.00	100	100
198.00	95.40	83.90
200.00	31.70	25.32#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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Data File : BG017892.D
Acq On : 15 Jul 2015 18:57
Operator : TP/UM
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Misc : MDL-SOIL-SVOC-4PPM-MED LEVEL
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MDL-05-S-ML

Manual Integrations APPROVED
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Quant Time: Jul 16 03:07:22 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG071415.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jul 16 01:50:07 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.58	152	85201	20.00	ng/ul	0.00
18) Naphthalene-d8	10.36	136	399753	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.25	164	247178	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.00	188	529243	20.00	ng/ul	0.00
77) Chrysene-d12	21.20	240	524397	20.00	ng/ul	0.00
85) Perylene-d12	23.42	264	496529	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.11	96	11831	4.97	ng/uL	0.00
5) Phenol-d5	6.76	99	225342	30.66	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.93	67	139432	27.76	ng/ul	0.00
9) 2-Chlorophenol-d4	7.12	132	190850	33.44	ng/ul	0.00
13) 4-Methylphenol-d8	8.30	113	185285	32.89	ng/ul	0.00
19) Nitrobenzene-d5	8.74	128	91008	29.18	ng/ul	0.00
22) 2-Nitrophenol-d4	9.46	143	80009	34.16	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.99	165	159694	33.24	ng/ul	0.00
29) 4-Chloroaniline-d4	10.51	131	288902	41.76	ng/ul	0.00
43) Dimethylphthalate-d6	13.66	166	600486	34.84	ng/ul	0.00
46) Acenaphthylene-d8	13.93	160	751706	33.56	ng/ul	0.00
51) 4-Nitrophenol-d4	14.45	143	97425	29.96	ng/ul	0.00
57) Fluorene-d10	15.24	176	555108	34.63	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.36	200	47017	18.99	ng/ul	0.00
70) Anthracene-d10	17.10	188	823915	34.35	ng/ul	0.00
78) Pyrene-d10	19.40	212	917667	37.16	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.28	264	821373	33.75	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.15	88	1978	0.78	ng/uL#	91
4) Benzaldehyde	6.73	77	16870	3.92	ng/ul	93
6) Phenol	6.79	94	22797	2.83	ng/ul	95
8) Bis(2-Chloroethyl)ether	7.02	93	19261	2.93	ng/ul#	90
10) 2-Chlorophenol	7.16	128	18341	3.18	ng/ul#	87
11) 2-Methylphenol	8.03	108	16156	2.76	ng/ul	95
12) 2,2'-oxybis(1-Chloropropan	8.13	45	24675	2.58	ng/ul	95
14) Acetophenone	8.41	105	29702	3.17	ng/ul#	84
15) N-Nitroso-di-n-propylamine	8.39	70	15436	2.67	ng/ul#	84
16) 4-Methylphenol	8.35	108	18657	2.92	ng/ul	89
17) Hexachloroethane	8.65	117	8305	3.02	ng/ul#	87
20) Nitrobenzene	8.78	77	20991	2.55	ng/ul	93
21) Isophorone	9.30	82	42566	2.76	ng/ul#	92
23) 2-Nitrophenol	9.48	139	9194	3.31	ng/ul#	78
24) 2,4-Dimethylphenol	9.55	107	19987	2.81	ng/ul	89
25) Bis(2-Chloroethoxy)methane	9.79	93	24170	2.79	ng/ul	91
27) 2,4-Dichlorophenol	10.02	162	16135	3.33	ng/ul#	89
28) Naphthalene	10.42	128	65847	3.18	ng/ul	96
30) 4-Chloroaniline	10.53	127	23760	3.31	ng/ul	96
31) Hexachlorobutadiene	10.71	225	10096	3.31	ng/ul	94
32) Caprolactam	11.31	113	5684	1.60	ng/ul#	87
33) 4-Chloro-3-methylphenol	11.66	107	17309	2.91	ng/ul	97
34) 2-Methylnaphthalene	12.04	142	45820	3.27	ng/ul	91

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7/16/2015 4:30:20 PM

Quant Time: Jul 16 03:07:22 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG071415.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jul 16 01:50:07 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.41	216	20368	3.13	ng/ul	96
37) Hexachlorocyclopentadiene	12.39	237	7107	2.10	ng/ul	89
38) 2,4,6-Trichlorophenol	12.66	196	9033m	2.56	ng/ul	
39) 2,4,5-Trichlorophenol	12.73	196	11625m	3.02	ng/ul	
40) 1,1'-Biphenyl	13.07	154	59287	3.10	ng/ul#	97
41) 2-Chloronaphthalene	13.11	162	46776	3.19	ng/ul	96
42) 2-Nitroaniline	13.31	65	8254	1.92	ng/ul	94
44) Dimethylphthalate	13.71	163	63445	3.50	ng/ul	99
45) 2,6-Dinitrotoluene	13.82	165	8466	2.57	ng/ul	98
47) Acenaphthylene	13.96	152	81067	3.27	ng/ul	97
48) 3-Nitroaniline	14.15	138	9825	2.61	ng/ul	82
49) Acenaphthene	14.31	153	51640	3.10	ng/ul	99
50) 2,4-Dinitrophenol	14.36	184	956	0.69	ng/ul#	74
52) 4-Nitrophenol	14.46	109	7880	2.86	ng/ul	85
53) Dibenzofuran	14.64	168	73350	3.34	ng/ul	90
54) 2,4-Dinitrotoluene	14.61	165	11866	2.51	ng/ul	86
55) 2,3,4,6-Tetrachlorophenol	14.88	232	7785	2.62	ng/ul	94
56) Diethylphthalate	15.08	149	60751	3.26	ng/ul	97
58) Fluorene	15.30	166	62179	3.26	ng/ul	99
59) 4-Chlorophenyl-phenylether	15.30	204	29524	3.34	ng/ul	96
60) 4-Nitroaniline	15.32	138	10948	2.45	ng/ul	95
63) 4,6-Dinitro-2-methylphenol	15.38	198	4988	1.81	ng/ul#	90
64) N-Nitrosodiphenylamine	15.51	169	51000	3.16	ng/ul	92
65) 4-Bromophenyl-phenylether	16.19	248	17779	3.50	ng/ul	86
66) Hexachlorobenzene	16.30	284	18452	3.35	ng/ul#	87
67) Atrazine	16.47	200	16140	2.92	ng/ul	97
68) Pentachlorophenol	16.65	266	4549	1.67	ng/ul	93
69) Phenanthrene	17.04	178	98854	3.38	ng/ul	99
71) Anthracene	17.13	178	101574	3.39	ng/ul	94
72) 1,2,3,4-Tetrachlorobenzene	13.03	216	18970	2.82	ng/uL	92
73) Pentachlorobenzene	14.56	250	23524	3.64	ng/uL	97
74) Carbazole	17.40	167	86677	3.32	ng/ul	99
75) Di-n-butylphthalate	17.98	149	103304	3.16	ng/ul#	94
76) Fluoranthene	19.07	202	106928	3.60	ng/ul#	94
79) Pyrene	19.43	202	122877	3.81	ng/ul#	93
80) Butylbenzylphthalate	20.35	149	34101	2.61	ng/ul	89
81) 3,3'-Dichlorobenzidine	21.12	252	17305	2.20	ng/ul	98
82) Benzo(a)anthracene	21.18	228	100804	3.48	ng/ul	98
83) Bis(2-ethylhexyl)phthalate	21.13	149	45060	2.49	ng/ul	97
84) Chrysene	21.23	228	97881	3.52	ng/ul	97
86) Di-n-octyl phthalate	22.00	149	64548	2.22	ng/ul	100
87) Benzo(b)fluoranthene	22.75	252	84703	3.09	ng/ul	98
88) Benzo(k)fluoranthene	22.79	252	88927	3.15	ng/ul	97
90) Benzo(a)pyrene	23.32	252	95961	3.49	ng/ul	97
91) Indeno(1,2,3-cd)pyrene	25.66	276	90109	3.06	ng/ul	93
92) Dibenzo(a,h)anthracene	25.68	278	73171	2.92	ng/ul#	94
93) Benzo(g,h,i)perylene	26.35	276	77014	3.13	ng/ul#	89

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

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