Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD062418\
Data File : VD058384.D
Acq On : 24 Jun 2018 21:04
Operator : VA/AP
Sample : VSTDCCC050
Misc : 5.00g/5ml/MSVOA_D/SOIL
ALS Vial : 23 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : VSTDCCC050EC

Quant Time: Jun 25 05:49:40 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D061918S.M
Quant Title : SW846 8260
QLast Update : Wed Jun 20 05:52:56 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	819510	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.70	114	1081367	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.69	117	852031	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.91	152	453427	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	456421	55.14	ug/l	0.02
Spiked Amount 50.000			Recovery = 110.28%			
35) Dibromofluoromethane	5.55	113	461487	52.43	ug/l	0.00
Spiked Amount 50.000			Recovery = 104.86%			
50) Toluene-d8	8.71	98	1100806	51.70	ug/l	0.00
Spiked Amount 50.000			Recovery = 103.40%			
62) 4-Bromofluorobenzene	11.93	95	453217	52.10	ug/l	0.00
Spiked Amount 50.000			Recovery = 104.20%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.34	85	390079	50.99	ug/l	99
3) Chloromethane	1.49	50	187140	52.55	ug/l	95
4) Vinyl Chloride	1.56	62	216364	50.40	ug/l	99
5) Bromomethane	1.79	94	76617	53.85	ug/l	98
6) Chloroethane	1.88	64	97362	64.64	ug/l	99
7) Trichlorofluoromethane	2.09	101	320196	54.40	ug/l	94
8) Diethyl Ether	2.35	74	69654	55.95	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.55	101	191343	51.13	ug/l	94
10) Methyl Iodide	2.69	142	233277	54.80	ug/l	97
11) Tert butyl alcohol	3.27	59	86998	318.66	ug/l	99
12) 1,1-Dichloroethene	2.54	96	145192	51.57	ug/l	90
13) Acrolein	2.47	56	20162	129.37	ug/l	83
14) Allyl chloride	2.93	41	341595	52.13	ug/l	95
15) Acrylonitrile	3.36	53	229175	316.58	ug/l	94
16) Acetone	2.61	43	281773	248.91	ug/l	93
17) Carbon Disulfide	2.76	76	457907	47.80	ug/l	98
18) Methyl Acetate	2.94	43	139654	57.85	ug/l	93
19) Methyl tert-butyl Ether	3.41	73	664386	88.97	ug/l	98
20) Methylene Chloride	3.07	84	162677	55.58	ug/l	88
21) trans-1,2-Dichloroethene	3.40	96	222157	72.20	ug/l	96
22) Diisopropyl ether	4.08	45	1240835	47.68	ug/l	93
23) Vinyl Acetate	4.02	43	3504988	251.23	ug/l	99
24) 1,1-Dichloroethane	3.98	63	702592	50.11	ug/l	98
25) 2-Butanone	4.84	43	623026	252.51	ug/l	99
26) 2,2-Dichloropropane	4.81	77	562954	47.95	ug/l	99
27) cis-1,2-Dichloroethene	4.81	96	408923	53.18	ug/l	99
28) Bromochloromethane	5.15	49	319294	50.80	ug/l	94
29) Tetrahydrofuran	5.19	42	328902	250.44	ug/l	100
30) Chloroform	5.33	83	757972	51.21	ug/l	94
31) Cyclohexane	5.59	56	502850	49.32	ug/l	99
32) 1,1,1-Trichloroethane	5.52	97	663153	54.22	ug/l	98
36) 1,1-Dichloropropene	5.75	75	515790	48.22	ug/l	97
37) Ethyl Acetate	4.93	43	305108	50.06	ug/l	97
38) Carbon Tetrachloride	5.73	117	544579	51.23	ug/l	99

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ALS Vial : 23 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : VSTDCCC050EC

Quant Time: Jun 25 05:49:40 2018
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Quant Title : SW846 8260
QLast Update : Wed Jun 20 05:52:56 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.29	83	481837	46.24	ug/l	95
40) Benzene	6.02	78	1218724	47.83	ug/l	100
41) Methacrylonitrile	5.13	41	151985	51.64	ug/l	97
42) 1,2-Dichloroethane	6.14	62	548315	53.36	ug/l	99
43) Isopropyl Acetate	7.62	43	401695	49.43	ug/l	99
44) Trichloroethene	6.98	130	404120	52.81	ug/l	99
45) 1,2-Dichloropropane	7.36	63	337637	49.20	ug/l	98
46) Dibromomethane	7.46	93	241588	51.57	ug/l	92
47) Bromodichloromethane	7.75	83	570930	53.44	ug/l	97
48) Methyl methacrylate	7.51	41	256380	51.91	ug/l	98
49) 1,4-Dioxane	7.49	88	51894	1164.04	ug/l	89
51) 4-Methyl-2-Pentanone	8.61	43	1339271	252.68	ug/l	100
52) Toluene	8.81	92	710722	48.98	ug/l	100
53) t-1,3-Dichloropropene	9.20	75	472855	50.91	ug/l	98
54) cis-1,3-Dichloropropene	8.37	75	552617	50.75	ug/l	98
55) 1,1,2-Trichloroethane	9.46	97	269174	52.43	ug/l	94
56) Ethyl methacrylate	9.32	69	315348	51.36	ug/l	96
57) 1,3-Dichloropropane	9.67	76	424391	49.08	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.19	63	793405	261.04	ug/l	97
59) 2-Hexanone	9.80	43	925794	241.73	ug/l	96
60) Dibromochloromethane	9.97	129	397587	57.07	ug/l	100
61) 1,2-Dibromoethane	10.10	107	299327	53.27	ug/l	98
64) Tetrachloroethene	9.52	164	385317	53.75	ug/l	97
65) Chlorobenzene	10.73	112	836267	52.47	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.85	131	335170	54.49	ug/l	94
67) Ethyl Benzene	10.86	91	1406566	49.99	ug/l	99
68) m/p-Xylenes	11.02	106	976501	104.07	ug/l	98
69) o-Xylene	11.41	106	451292	50.36	ug/l	99
70) Styrene	11.43	104	741478	48.49	ug/l	95
71) Bromoform	11.60	173	292643	59.65	ug/l	98
73) Isopropylbenzene	11.78	105	1397848	51.54	ug/l	99
74) N-amyl acetate	11.65	43	533645	50.89	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.08	83	307253	48.68	ug/l	96
76) 1,2,3-Trichloropropane	12.11	75	330538	49.93	ug/l	100
77) Bromobenzene	12.04	156	421482	51.90	ug/l	89
78) n-propylbenzene	12.16	91	1588778	45.36	ug/l	100
79) 2-Chlorotoluene	12.22	91	1013496	50.57	ug/l	99
80) 1,3,5-Trimethylbenzene	12.32	105	1060719	50.14	ug/l	96
81) trans-1,4-Dichloro-2-buten	11.85	75	79828	49.44	ug/l	98
82) 4-Chlorotoluene	12.33	91	1081282	56.01	ug/l	93
83) tert-Butylbenzene	12.58	119	1241845	51.06	ug/l	96
84) 1,2,4-Trimethylbenzene	12.63	105	1176515	51.16	ug/l	98
85) sec-Butylbenzene	12.76	105	1504935	52.79	ug/l	97
86) p-Isopropyltoluene	12.89	119	1146850	49.64	ug/l	98
87) 1,3-Dichlorobenzene	12.85	146	725398	51.39	ug/l	99
88) 1,4-Dichlorobenzene	12.93	146	699034	50.71	ug/l	95
89) n-Butylbenzene	13.19	91	1148239	47.29	ug/l	97
90) Hexachloroethane	13.40	117	311837	52.01	ug/l	76
91) 1,2-Dichlorobenzene	13.19	146	588955	49.03	ug/l	96
92) 1,2-Dibromo-3-Chloropropan	13.77	75	55961	55.71	ug/l	72

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Quant Title : SW846 8260
QLast Update : Wed Jun 20 05:52:56 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.35	180	589299	51.29	ug/l	98
94) Hexachlorobutadiene	14.43	225	448507	49.91	ug/l	99
95) Naphthalene	14.52	128	822464	54.35	ug/l	99
96) 1,2,3-Trichlorobenzene	14.66	180	505940	50.30	ug/l	97

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

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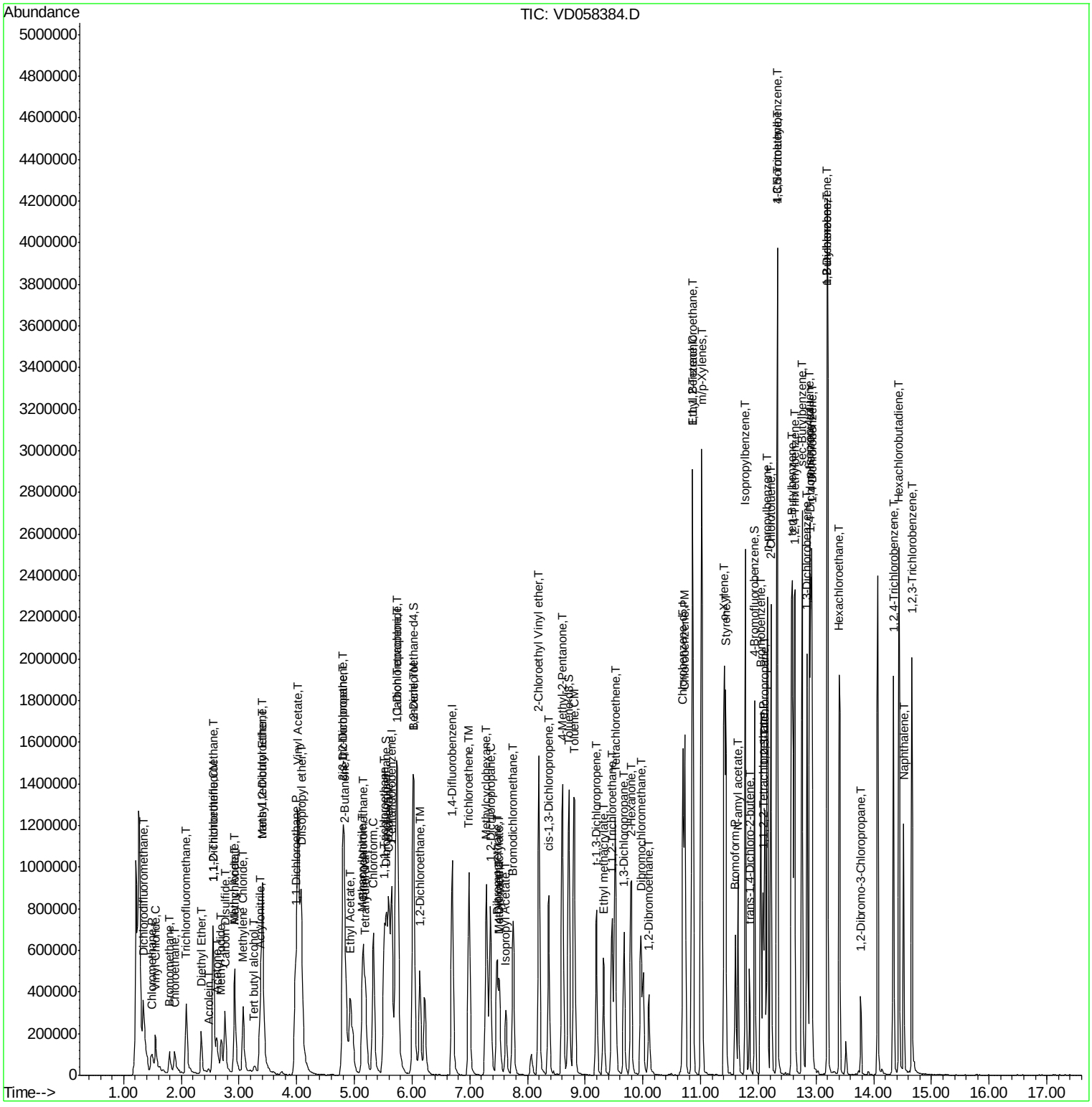
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