

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW050621\
 Data File : VW021307.D
 Acq On : 06 May 2021 14:21
 Operator : SY/MD
 Sample : M2250-05
 Misc : 5.00g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 MDL-MED-MED-SOIL-QT3-2021-05

Manual Integrations
 APPROVED

Quant Time: May 07 03:57:34 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM050321WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri May 07 03:56:18 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	5.622	114	650708	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.857	117	624453	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.256	152	332384	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.307	65	150772	52.23	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	104.46%
7) Chloroethane-d5	1.571	69	135657	52.59	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	105.18%
11) 1,1-Dichloroethene-d2	2.108	63	286575	35.59	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	71.18%
21) 2-Butanone-d5	3.909	46	182220	78.67	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	78.67%
24) Chloroform-d	4.352	84	418639	45.57	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.14%
26) 1,2-Dichloroethane-d4	5.037	65	330872	48.11	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.22%
32) Benzene-d6	5.053	84	710207	49.38	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.76%
36) 1,2-Dichloropropane-d6	6.076	67	178433	48.30	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.60%
41) Toluene-d8	7.320	98	700451	47.00	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.00%
43) trans-1,3-Dichloroprop...	7.625	79	124904	45.46	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.92%
47) 2-Hexanone-d5	8.095	63	135770	79.59	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	79.59%
56) 1,1,2,2-Tetrachloroeth...	10.220	84	253536	42.89	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	85.78%
66) 1,2-Dichlorobenzene-d4	11.632	152	310533	47.41	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.82%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.131	85	11716	2.23	ug/L	92
3) Chloromethane	1.243	50	6772	2.14	ug/L	99
5) Vinyl chloride	1.314	62	7617	1.93	ug/L #	82
6) Bromomethane	1.526	94	6694	2.16	ug/L	94
8) Chloroethane	1.590	64	4302	1.69	ug/L	91
9) Trichlorofluoromethane	1.754	101	20598	1.99	ug/L	96
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	12214	2.68	ug/L	87
12) 1,1-Dichloroethene	2.121	96	12122	2.98	ug/L #	1
13) Acetone	2.198	43	12099m	4.42	ug/L	
14) Carbon disulfide	2.298	76	18977	1.86	ug/L #	91
15) Methyl Acetate	2.452	43	7328m	2.22	ug/L	
16) Methylene chloride	2.510	84	10829	2.59	ug/L	90
17) trans-1,2-Dichloroethene	2.761	96	8181	2.01	ug/L	98
18) Methyl tert-butyl Ether	2.777	73	29931	2.05	ug/L #	88
19) 1,1-Dichloroethane	3.198	63	14254	2.02	ug/L	91
20) cis-1,2-Dichloroethene	3.918	96	10440m	2.33	ug/L	
22) 2-Butanone	3.999	43	9897m	3.79	ug/L	
23) Bromochloromethane	4.253	128	6825m	2.66	ug/L	
25) Chloroform	4.375	83	25313	2.72	ug/L	92

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.150	62	15667	1.85	ug/L	98
29) Cyclohexane	4.683	56	10715	2.04	ug/L #	91
30) 1,1,1-Trichloroethane	4.622	97	19812	2.03	ug/L #	80
31) Carbon tetrachloride	4.835	117	18511	2.04	ug/L #	44
33) Benzene	5.111	78	31134	1.95	ug/L	100
34) Trichloroethene	5.925	95	11898	2.31	ug/L	82
35) Methylcyclohexane	6.130	83	10450m	1.56	ug/L	
37) 1,2-Dichloropropane	6.179	63	5821m	1.73	ug/L	
38) Bromodichloromethane	6.523	83	13929	1.95	ug/L	84
39) cis-1,3-Dichloropropene	7.043	75	11645	1.77	ug/L	96
40) 4-Methyl-2-pentanone	7.236	43	16804	3.52	ug/L #	92
42) Toluene	7.397	91	45677	2.45	ug/L	93
44) trans-1,3-Dichloropropene	7.664	75	12196m	1.70	ug/L	
45) 1,1,2-Trichloroethane	7.851	97	8566	1.98	ug/L	82
46) Tetrachloroethene	7.976	164	9338m	2.11	ug/L	
48) 2-Hexanone	8.150	43	27877	7.26	ug/L #	89
49) Dibromochloromethane	8.259	129	11756m	1.91	ug/L	
50) 1,2-Dibromoethane	8.355	107	10690m	2.19	ug/L	
51) Chlorobenzene	8.889	112	28579	2.22	ug/L	92
52) Ethylbenzene	9.021	91	39483	1.84	ug/L	95
53) m,p-Xylene	9.146	106	14724	1.74	ug/L	94
54) o-Xylene	9.548	106	14529	1.78	ug/L	90
55) Styrene	9.574	104	24328	1.76	ug/L	94
57) 1,1,2,2-Tetrachloroethane	10.246	83	11648	1.99	ug/L #	87
59) Bromoform	9.738	173	8056	1.81	ug/L	91
60) Isopropylbenzene	9.940	105	36759	1.73	ug/L #	95
61) 1,2,3-Trichloropropane	10.281	75	12802	2.36	ug/L	94
62) 1,3,5-Trimethylbenzene	10.545	105	33304	1.79	ug/L	99
63) 1,2,4-Trimethylbenzene	10.924	105	37473	2.01	ug/L	90
64) 1,3-Dichlorobenzene	11.191	146	22987	2.23	ug/L	97
65) 1,4-Dichlorobenzene	11.281	146	22399	2.12	ug/L	91
67) 1,2-Dichlorobenzene	11.651	146	21023	2.02	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.436	75	4582	2.42	ug/L #	80
69) 1,3,5-Trichlorobenzene	12.654	180	13951	1.75	ug/L #	92
70) 1,2,4-trichlorobenzene	13.272	180	9245	1.42	ug/L	89
71) Naphthalene	13.516	128	20063	1.12	ug/L	96
72) 1,2,3-Trichlorobenzene	13.754	180	10020	1.52	ug/L	97

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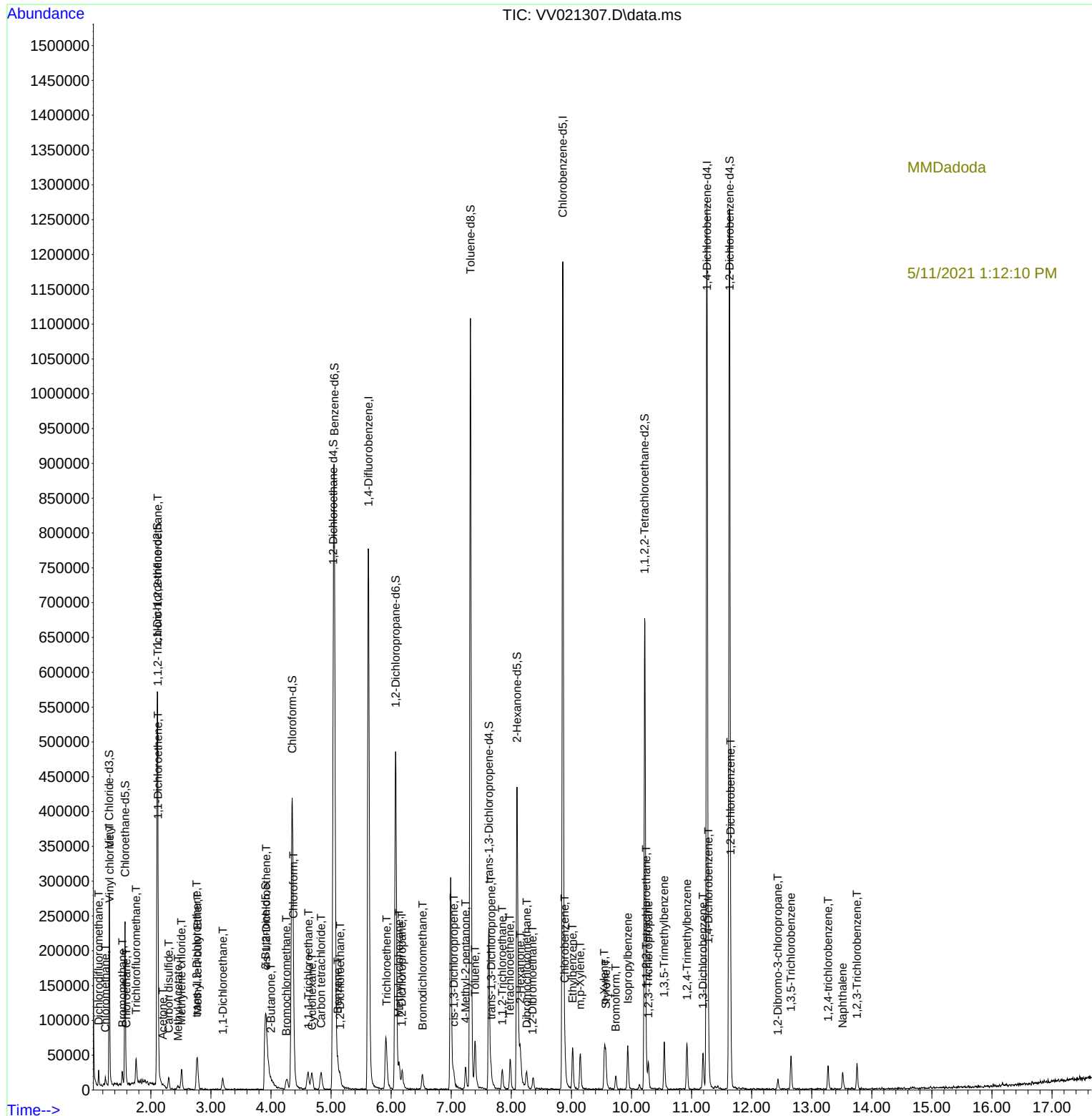
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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