

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW031121\
 Data File : VW018301.D
 Acq On : 11 Mar 2021 15:56
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 5.00G/10ML/MSVOA_W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02538

Manual Integrations
 APPROVED

Quant Time: Mar 12 00:29:19 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM030821S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Mar 12 00:26:52 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	262805	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	233835	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.554	152	112399	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.361	65	65223	22.92	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	91.68%
7) Chloroethane-d5	2.898	69	54308	23.50	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	94.00%
10) 1,1-Dichloroethene-d2	4.032	63	156151	23.61	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	94.44%
20) 2-Butanone-d5	7.086	46	26589	39.30	ug/L	0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	78.60%
24) Chloroform-d	7.653	84	166673	23.41	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	93.64%
26) 1,2-Dichloroethane-d4	8.305	65	85369	21.79	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	87.16%
29) Benzene-d6	8.275	84	289551	23.26	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	93.04%
33) 1,2-Dichloropropane-d6	9.275	67	79538	23.06	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	92.24%
37) Toluene-d8	10.323	98	284112	23.65	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	94.60%
38) trans-1,3-Dichloroprop...	10.579	79	37182	21.75	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	87.00%
39) 2-Hexanone-d5	10.921	63	24136	42.06	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	84.12%
48) 1,1,2,2-Tetrachloroeth...	12.695	84	64360	21.82	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	87.28%
61) 1,2-Dichlorobenzene-d4	13.853	152	91996	22.52	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	90.08%

Target Compounds	Qvalue					
2) Dichlorodifluoromethane	2.014	85	87632	24.03	ug/L	95
3) Chloromethane	2.221	50	56221	23.52	ug/L	97
5) Vinyl chloride	2.367	62	91282	24.86	ug/L	96
6) Bromomethane	2.788	94	64162	23.50	ug/L	100
8) Chloroethane	2.934	64	51749	24.55	ug/L	97
9) Trichlorofluoromethane	3.270	101	87150	28.14	ug/L	97
11) 1,1,2-Trichloro-1,2,2-...	4.074	101	91192	24.36	ug/L	99
12) 1,1-Dichloroethene	4.050	96	89124	25.81	ug/L	96
13) Acetone	4.135	43	20110m	38.03	ug/L	
14) Carbon disulfide	4.391	76	250206	24.87	ug/L	98
15) Methyl Acetate	4.678	43	22914	20.04	ug/L	97
16) Methylene chloride	4.922	84	88185	21.98	ug/L	98
17) Methyl tert-butyl Ether	5.434	73	91093	23.00	ug/L	98
18) trans-1,2-Dichloroethene	5.428	96	90229	24.59	ug/L	95
19) 1,1-Dichloroethane	6.220	63	146377	24.34	ug/L	97
21) 2-Butanone	7.177	43	29536	40.32	ug/L	97
22) cis-1,2-Dichloroethene	7.171	96	91690	23.88	ug/L	99
23) Bromochloromethane	7.519	128	40031	23.16	ug/L	96
25) Chloroform	7.677	83	169616	24.61	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	107011	23.41	ug/L	97
30) Cyclohexane	7.958	56	128114	25.39	ug/L	100
31) 1,1,1-Trichloroethane	7.872	97	149953	25.98	ug/L	99
32) Carbon tetrachloride	8.074	117	140589	25.30	ug/L	99
34) Benzene	8.324	78	336750	25.03	ug/L	100
35) Trichloroethene	9.092	95	97486	24.72	ug/L	98
36) Methylcyclohexane	9.336	83	158364	24.97	ug/L	99
40) 1,2-Dichloropropane	9.372	63	76837	24.59	ug/L	100
41) Bromodichloromethane	9.646	83	117843	24.25	ug/L	99
42) cis-1,3-Dichloropropene	10.073	75	128724	24.58	ug/L	98
43) 4-Methyl-2-pentanone	10.207	43	69399	42.78	ug/L	99
44) Toluene	10.390	91	383143	25.42	ug/L	99
45) trans-1,3-Dichloropropene	10.604	75	110127	23.54	ug/L	100
46) 1,1,2-Trichloroethane	10.787	97	59894	23.33	ug/L	99
47) Tetrachloroethene	10.866	164	70943	24.03	ug/L	93
49) 2-Hexanone	10.969	43	47242	42.24	ug/L	98
50) Dibromochloromethane	11.128	129	76528	24.24	ug/L	97
51) 1,2-Dibromoethane	11.232	107	57982	22.92	ug/L	99
52) Chlorobenzene	11.658	112	237378	24.30	ug/L	99
53) Ethylbenzene	11.731	91	441139	25.46	ug/L	98
54) m,p-Xylene	11.841	106	163589	24.92	ug/L	99
55) o-xylene	12.164	106	154518	25.17	ug/L	98
56) Styrene	12.183	104	262843	25.02	ug/L	95
57) Isopropylbenzene	12.463	105	437332	25.11	ug/L	99
58) 1,1,2,2-Tetrachloroethane	12.713	83	64967	21.94	ug/L	92
59) 1,2,3-Trichloropropane	12.768	75	49620	22.11	ug/L	99
62) Bromoform	12.353	173	35677	21.58	ug/L	95
63) 1,3-Dichlorobenzene	13.499	146	181190	24.27	ug/L	93
64) 1,4-Dichlorobenzene	13.579	146	184524	24.98	ug/L	87
65) 1,2-Dichlorobenzene	13.871	146	156853	23.35	ug/L	96
66) 1,2-Dibromo-3-chloropr...	14.481	75	11065	21.10	ug/L	92
67) 1,3,5-Trichlorobenzene	14.627	180	125039	22.95	ug/L	95
68) 1,2,4-trichlorobenzene	15.127	180	105746	23.65	ug/L	96
69) Naphthalene	15.365	128	199913	22.72	ug/L	99
70) 1,2,3-Trichlorobenzene	15.554	180	85020	21.85	ug/L	96

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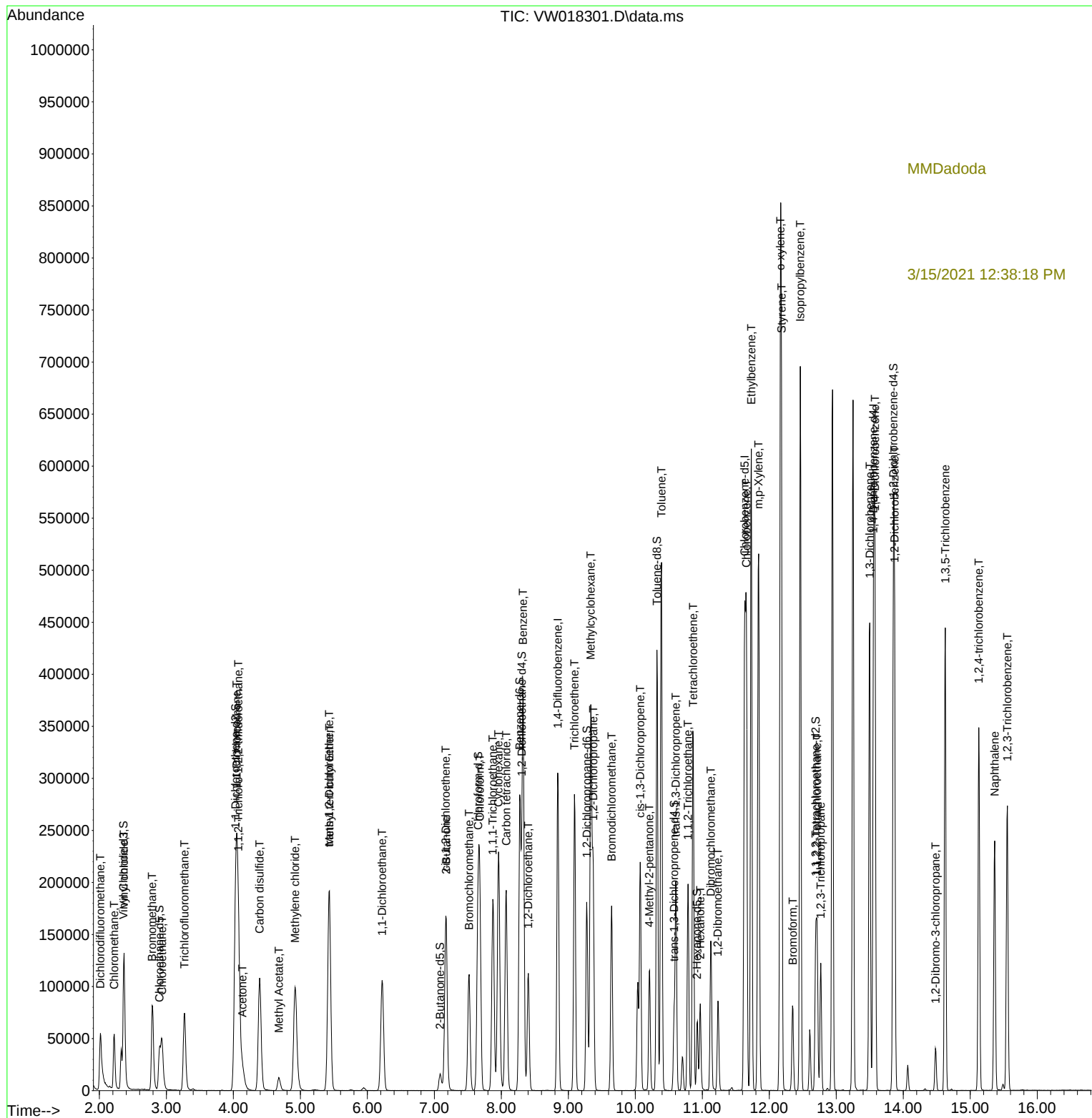
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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