

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW042221\
 Data File : VW021108.D
 Acq On : 22 Apr 2021 21:10
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050177

Manual Integrations
 APPROVED

Quant Time: Apr 23 04:36:43 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM042121WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Apr 23 04:33:55 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.622	114	713568	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.857	117	705917	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.255	152	410878	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.307	65	237871	40.57	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	81.14%
7) Chloroethane-d5	1.568	69	185301	42.96	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	85.92%
11) 1,1-Dichloroethene-d2	2.111	63	494658	45.74	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.48%
21) 2-Butanone-d5	3.905	46	328074m	114.58	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	114.58%
24) Chloroform-d	4.352	84	487732	46.66	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.32%
26) 1,2-Dichloroethane-d4	5.037	65	327508	49.29	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.58%
32) Benzene-d6	5.053	84	889595	47.32	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.64%
36) 1,2-Dichloropropane-d6	6.072	67	271222	48.33	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.66%
41) Toluene-d8	7.320	98	869356	47.78	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.56%
43) trans-1,3-Dichloroprop...	7.625	79	150477	49.07	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	98.14%
47) 2-Hexanone-d5	8.095	63	268963	120.84	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	120.84%
56) 1,1,2,2-Tetrachloroeth...	10.220	84	418121	49.40	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	98.80%
66) 1,2-Dichlorobenzene-d4	11.628	152	384038	47.32	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.64%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.130	85	329293	45.71	ug/L	99
3) Chloromethane	1.243	50	305035	49.19	ug/L	96
5) Vinyl chloride	1.310	62	317148	49.96	ug/L	99
6) Bromomethane	1.523	94	214009	50.04	ug/L	100
8) Chloroethane	1.587	64	186904	49.91	ug/L	99
9) Trichlorofluoromethane	1.754	101	536313	47.42	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.117	101	256428	45.70	ug/L	100
12) 1,1-Dichloroethene	2.117	96	251545	49.38	ug/L	98
13) Acetone	2.220	43	263873m	98.66	ug/L	
14) Carbon disulfide	2.294	76	681302	48.76	ug/L	99
15) Methyl Acetate	2.442	43	258324	58.40	ug/L	99
16) Methylene chloride	2.510	84	260405	49.02	ug/L	97
17) trans-1,2-Dichloroethene	2.761	96	243473	49.74	ug/L	94
18) Methyl tert-butyl Ether	2.773	73	807243	53.73	ug/L	100
19) 1,1-Dichloroethane	3.191	63	453098	51.30	ug/L	98
20) cis-1,2-Dichloroethene	3.915	96	267287	51.17	ug/L	98
22) 2-Butanone	3.998	43	361758	116.79	ug/L	97
23) Bromochloromethane	4.252	128	151362	50.28	ug/L	96
25) Chloroform	4.378	83	509905	51.29	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.133	62	416548	52.63	ug/L	99
29) Cyclohexane	4.680	56	360501	50.18	ug/L	98
30) 1,1,1-Trichloroethane	4.613	97	490747	51.89	ug/L	99
31) Carbon tetrachloride	4.831	117	438369	50.19	ug/L	98
33) Benzene	5.101	78	1008335	51.24	ug/L	100
34) Trichloroethene	5.918	95	275207	50.53	ug/L	97
35) Methylcyclohexane	6.133	83	402861	49.22	ug/L	99
37) 1,2-Dichloropropane	6.178	63	256057	52.97	ug/L	100
38) Bromodichloromethane	6.513	83	383500	50.91	ug/L	99
39) cis-1,3-Dichloropropene	7.030	75	406905	51.61	ug/L	99
40) 4-Methyl-2-pentanone	7.230	43	718391	122.95	ug/L	98
42) Toluene	7.391	91	1138860	52.72	ug/L	100
44) trans-1,3-Dichloropropene	7.654	75	421136	51.62	ug/L	98
45) 1,1,2-Trichloroethane	7.844	97	272969	51.99	ug/L	97
46) Tetrachloroethene	7.979	164	240890	49.45	ug/L	98
48) 2-Hexanone	8.143	43	549927	119.52	ug/L	99
49) Dibromochloromethane	8.249	129	326215	50.45	ug/L	98
50) 1,2-Dibromoethane	8.355	107	295343	52.04	ug/L	97
51) Chlorobenzene	8.886	112	744080	50.08	ug/L	99
52) Ethylbenzene	9.018	91	1260246	52.61	ug/L	100
53) m,p-Xylene	9.143	106	489578	53.63	ug/L	99
54) o-Xylene	9.548	106	478342	53.35	ug/L	97
55) Styrene	9.564	104	839263	55.41	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.246	83	438906	52.60	ug/L	97
59) Bromoform	9.738	173	245028	48.65	ug/L	99
60) Isopropylbenzene	9.937	105	1303958	53.09	ug/L	99
61) 1,2,3-Trichloropropane	10.278	75	376206	54.30	ug/L	99
62) 1,3,5-Trimethylbenzene	10.545	105	1116231	53.52	ug/L	99
63) 1,2,4-Trimethylbenzene	10.921	105	1158287	55.69	ug/L	97
64) 1,3-Dichlorobenzene	11.188	146	635901	51.97	ug/L	99
65) 1,4-Dichlorobenzene	11.278	146	641935	51.07	ug/L	100
67) 1,2-Dichlorobenzene	11.648	146	649469	51.42	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.435	75	114352	55.07	ug/L	95
69) 1,3,5-Trichlorobenzene	12.651	180	474406	49.85	ug/L	99
70) 1,2,4-trichlorobenzene	13.268	180	402202	51.57	ug/L	98
71) Naphthalene	13.509	128	1283762	59.09	ug/L	100
72) 1,2,3-Trichlorobenzene	13.750	180	427186	53.68	ug/L	99

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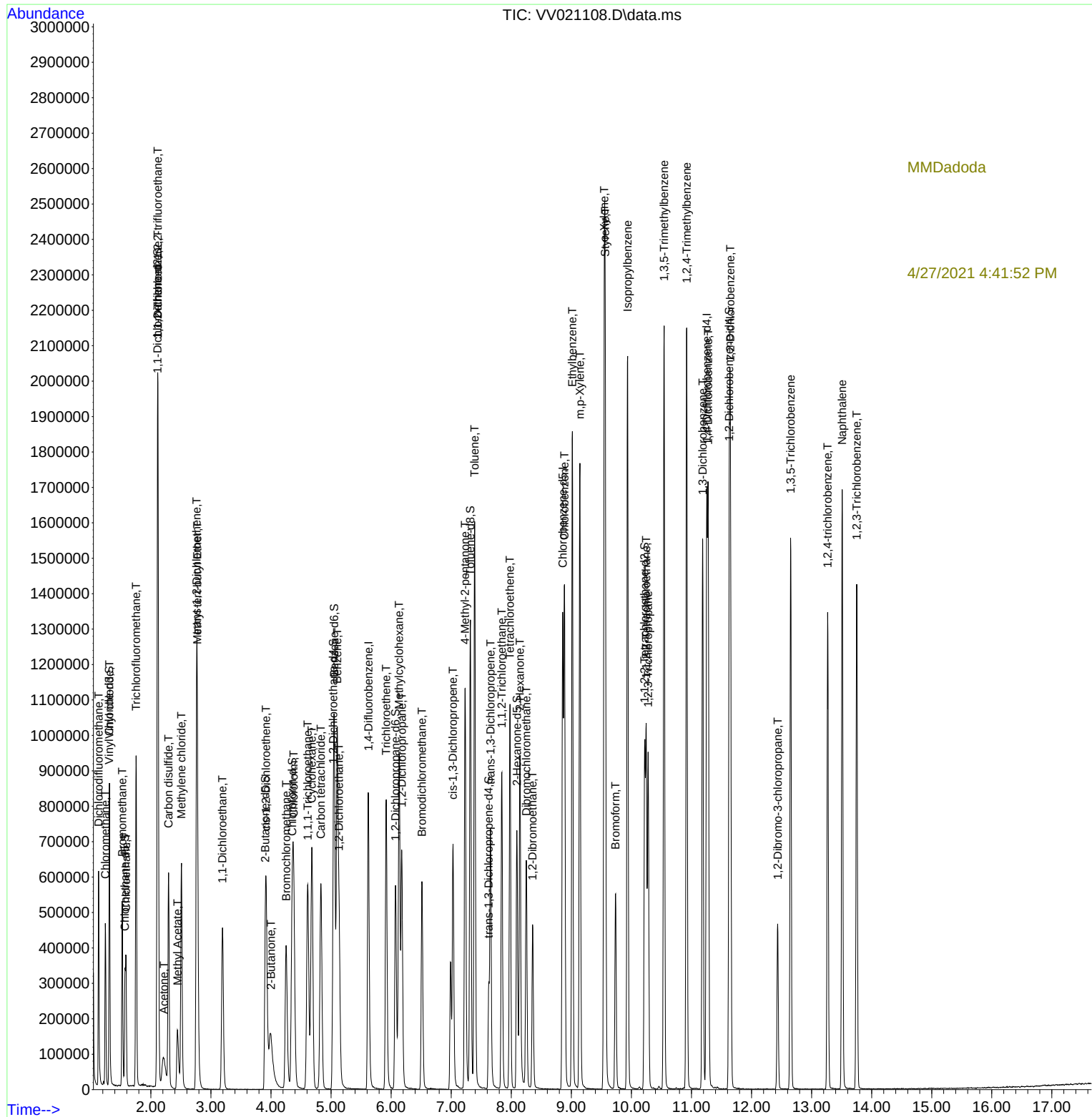
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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