

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW102921\
 Data File : VW023101.D
 Acq On : 29 Oct 2021 13:36
 Operator : SY/MD
 Sample : MDL05
 Misc : 5.00g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 MDL05

Manual Integrations
 APPROVED

Quant Time: Oct 30 00:46:19 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM102821WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Oct 30 00:25:16 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	267959	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	263095	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	132462	50.000	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.307	65	81538	44.154	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	88.300%
7) Chloroethane-d5	1.564	69	67742	47.031	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	94.060%
11) 1,1-Dichloroethene-d2	2.108	63	120259	34.378	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	68.760%
21) 2-Butanone-d5	3.873	46	147760	106.797	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	106.800%
24) Chloroform-d	4.352	84	181506	46.747	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.500%
26) 1,2-Dichloroethane-d4	5.034	65	114488	49.818	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.640%
32) Benzene-d6	5.050	84	352881	48.963	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.920%
36) 1,2-Dichloropropane-d6	6.069	67	113163	49.324	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	98.640%
41) Toluene-d8	7.316	98	314469	47.825	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.640%
43) trans-1,3-Dichloroprop...	7.622	79	50996	46.375	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.740%
47) 2-Hexanone-d5	8.088	63	103155	103.518	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	103.520%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	161802	48.252	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	96.500%
66) 1,2-Dichlorobenzene-d4	11.625	152	130242	50.973	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.940%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.127	85	5358	2.103	ug/L	98
3) Chloromethane	1.240	50	4837	2.013	ug/L	99
5) Vinyl chloride	1.310	62	5555	2.314	ug/L	83
6) Bromomethane	1.519	94	3143	2.330	ug/L	92
8) Chloroethane	1.584	64	3175	2.172	ug/L #	82
9) Trichlorofluoromethane	1.751	101	7353	2.018	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	4812	2.488	ug/L #	81
12) 1,1-Dichloroethene	2.117	96	4541	2.530	ug/L #	1
13) Acetone	2.166	43	5789	4.221	ug/L #	72
14) Carbon disulfide	2.297	76	10972	2.044	ug/L	97
15) Methyl Acetate	2.439	43	4996	2.195	ug/L	98
16) Methylene chloride	2.510	84	5435	2.364	ug/L	99
17) trans-1,2-Dichloroethene	2.764	96	4076	1.990	ug/L	90
18) Methyl tert-butyl Ether	2.770	73	11988	1.949	ug/L #	92
19) 1,1-Dichloroethane	3.194	63	7762	2.034	ug/L	99
20) cis-1,2-Dichloroethene	3.918	96	4684m	2.139	ug/L	
22) 2-Butanone	3.992	43	7255m	4.642	ug/L	
23) Bromochloromethane	4.259	128	2598	2.105	ug/L	95
25) Chloroform	4.384	83	9374	2.388	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.143	62	6524	2.214	ug/L #	93
29) Cyclohexane	4.680	56	6177	2.011	ug/L #	57
30) 1,1,1-Trichloroethane	4.616	97	7074	2.018	ug/L	97
31) Carbon tetrachloride	4.831	117	6230	1.977	ug/L	99
33) Benzene	5.108	78	17222	2.101	ug/L	100
34) Trichloroethene	5.924	95	4605	2.150	ug/L	88
35) Methylcyclohexane	6.130	83	6718	2.013	ug/L	93
37) 1,2-Dichloropropane	6.178	63	4312	2.002	ug/L #	92
38) Bromodichloromethane	6.516	83	5770	1.979	ug/L	96
39) cis-1,3-Dichloropropene	7.034	75	6543m	2.003	ug/L	
40) 4-Methyl-2-pentanone	7.233	43	11083	3.989	ug/L	96
42) Toluene	7.394	91	22713	2.589	ug/L	94
44) trans-1,3-Dichloropropene	7.657	75	7002m	2.211	ug/L	
45) 1,1,2-Trichloroethane	7.847	97	4233	1.925	ug/L	92
46) Tetrachloroethene	7.982	164	3777	2.046	ug/L	85
48) 2-Hexanone	8.149	43	10739	4.869	ug/L #	90
49) Dibromochloromethane	8.249	129	4850	1.930	ug/L	99
50) 1,2-Dibromoethane	8.361	107	4509	1.946	ug/L #	97
51) Chlorobenzene	8.886	112	11554	1.950	ug/L	99
52) Ethylbenzene	9.017	91	16922	1.813	ug/L	97
53) m,p-Xylene	9.143	106	6073	1.688	ug/L	98
54) o-Xylene	9.548	106	5886	1.681	ug/L	81
55) Styrene	9.567	104	9891	1.625	ug/L	93
57) 1,1,2,2-Tetrachloroethane	10.242	83	8124	2.316	ug/L #	93
59) Bromoform	9.734	173	3397	2.027	ug/L #	98
60) Isopropylbenzene	9.934	105	14749	1.743	ug/L	99
61) 1,2,3-Trichloropropane	10.275	75	5587	2.251	ug/L	97
62) 1,3,5-Trimethylbenzene	10.541	105	12515	1.796	ug/L	100
63) 1,2,4-Trimethylbenzene	10.918	105	12224	1.747	ug/L	100
64) 1,3-Dichlorobenzene	11.185	146	8191	1.915	ug/L	90
65) 1,4-Dichlorobenzene	11.275	146	9466	2.124	ug/L	99
67) 1,2-Dichlorobenzene	11.644	146	9797	2.265	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.432	75	1404	2.026	ug/L	92
69) 1,3,5-Trichlorobenzene	12.647	180	6977	2.156	ug/L	96
70) 1,2,4-trichlorobenzene	13.265	180	5463	1.948	ug/L	98
71) Naphthalene	13.506	128	16738	1.859	ug/L	98
72) 1,2,3-Trichlorobenzene	13.747	180	5462	1.843	ug/L	91

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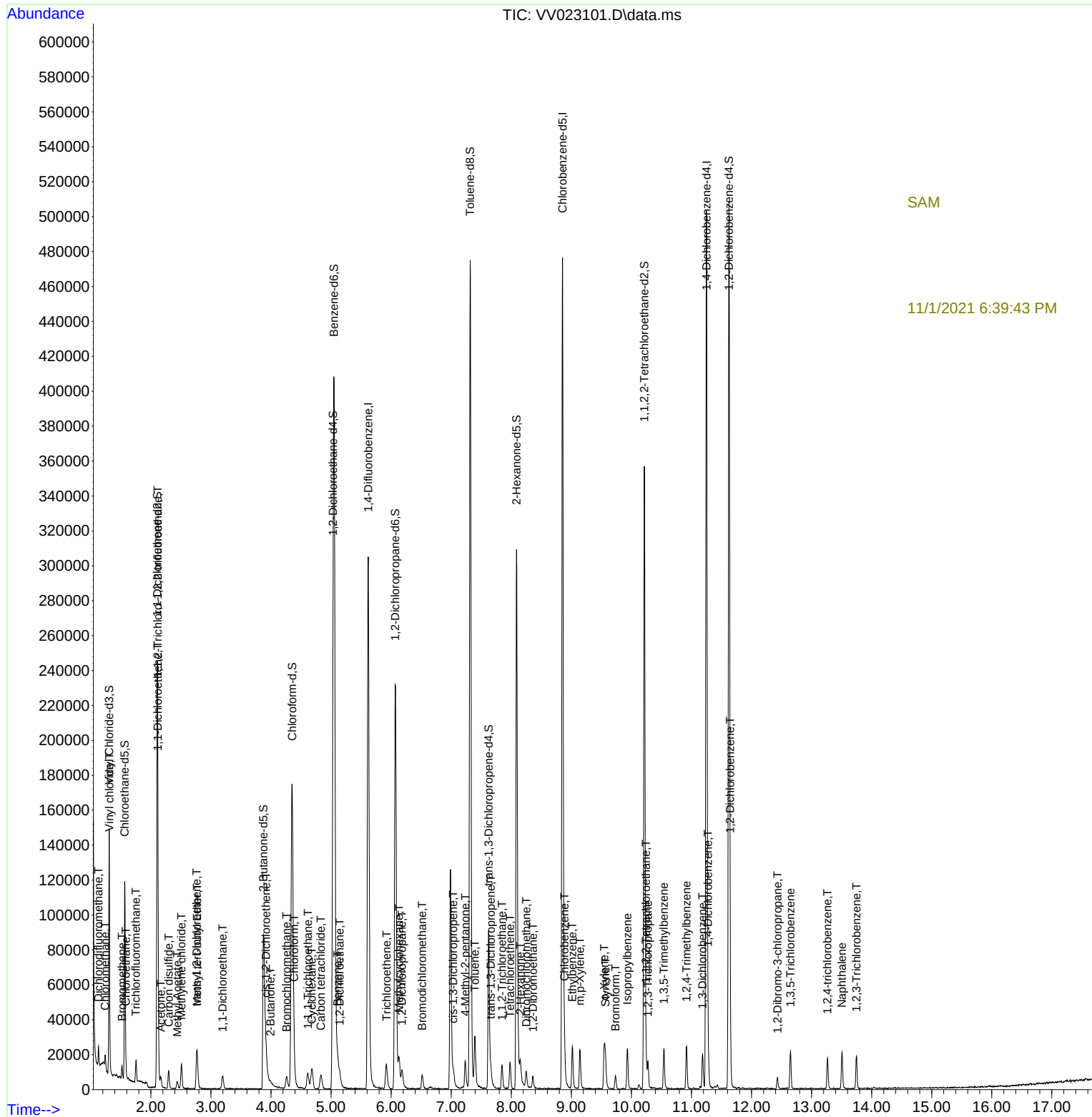
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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