

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW102921\
 Data File : VW023102.D
 Acq On : 29 Oct 2021 13:59
 Operator : SY/MD
 Sample : MDL03
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 MDL03

Manual Integrations
 APPROVED

Quant Time: Oct 30 00:48:24 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	262797	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	258122	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	130476	50.000	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.304	65	80451	44.421	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	88.840%
7) Chloroethane-d5	1.564	69	63342	44.840	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	89.680%
11) 1,1-Dichloroethene-d2	2.108	63	117263	34.180	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	68.360%
21) 2-Butanone-d5	3.879	46	149973	110.525	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	110.530%
24) Chloroform-d	4.349	84	176314	46.302	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.600%
26) 1,2-Dichloroethane-d4	5.034	65	113573	50.390	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.780%
32) Benzene-d6	5.050	84	342870	48.490	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.980%
36) 1,2-Dichloropropane-d6	6.072	67	112319	49.899	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	99.800%
41) Toluene-d8	7.317	98	307050	47.596	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.200%
43) trans-1,3-Dichloroprop...	7.622	79	51773	47.988	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	95.980%
47) 2-Hexanone-d5	8.088	63	106100	108.525	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	108.530%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	162809	49.487	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	98.980%
66) 1,2-Dichlorobenzene-d4	11.625	152	129324	51.384	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.760%

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Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.127	85	5223	2.091	ug/L	99
3) Chloromethane	1.240	50	5007	2.125	ug/L	96
5) Vinyl chloride	1.310	62	4946	2.101	ug/L #	71
6) Bromomethane	1.523	94	2768	2.093	ug/L	93
8) Chloroethane	1.584	64	2930	2.044	ug/L	92
9) Trichlorofluoromethane	1.751	101	7143	1.999	ug/L	95
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	4836	2.549	ug/L #	81
12) 1,1-Dichloroethene	2.117	96	4488	2.550	ug/L #	1
13) Acetone	2.172	43	5131	3.815	ug/L #	73
14) Carbon disulfide	2.294	76	10798	2.051	ug/L	97
15) Methyl Acetate	2.436	43	4580	2.052	ug/L	100
16) Methylene chloride	2.510	84	5340	2.368	ug/L	96
17) trans-1,2-Dichloroethene	2.764	96	4211	2.096	ug/L	92
18) Methyl tert-butyl Ether	2.770	73	11856	1.965	ug/L	96
19) 1,1-Dichloroethane	3.195	63	7624	2.037	ug/L	99
20) cis-1,2-Dichloroethene	3.918	96	4896	2.280	ug/L	95
22) 2-Butanone	3.998	43	7159m	4.670	ug/L	
23) Bromochloromethane	4.252	128	2513	2.077	ug/L	80
25) Chloroform	4.378	83	8817	2.291	ug/L	76

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27) 1,2-Dichloroethane	5.143	62	6392m	2.212	ug/L	
29) Cyclohexane	4.680	56	5776	1.917	ug/L #	47
30) 1,1,1-Trichloroethane	4.609	97	6994	2.033	ug/L	98
31) Carbon tetrachloride	4.831	117	5870	1.899	ug/L	96
33) Benzene	5.108	78	15150	1.884	ug/L	100
34) Trichloroethene	5.928	95	4051	1.928	ug/L	93
35) Methylcyclohexane	6.127	83	6298	1.923	ug/L	98
37) 1,2-Dichloropropane	6.182	63	4532	2.145	ug/L #	90
38) Bromodichloromethane	6.516	83	5763	2.015	ug/L	96
39) cis-1,3-Dichloropropene	7.037	75	6225m	1.942	ug/L	
40) 4-Methyl-2-pentanone	7.233	43	10861	3.985	ug/L	95
42) Toluene	7.394	91	22061	2.563	ug/L	94
44) trans-1,3-Dichloropropene	7.657	75	6037m	1.943	ug/L	
45) 1,1,2-Trichloroethane	7.847	97	4318	2.001	ug/L	98
46) Tetrachloroethene	7.982	164	3587	1.980	ug/L	94
48) 2-Hexanone	8.149	43	10063	4.650	ug/L	95
49) Dibromochloromethane	8.252	129	4915	1.993	ug/L	91
50) 1,2-Dibromoethane	8.358	107	4554	2.004	ug/L #	89
51) Chlorobenzene	8.886	112	12568	2.162	ug/L	96
52) Ethylbenzene	9.017	91	16809	1.836	ug/L	96
53) m,p-Xylene	9.143	106	6488	1.838	ug/L	91
54) o-Xylene	9.548	106	6008	1.749	ug/L	100
55) Styrene	9.567	104	9509	1.592	ug/L	96
57) 1,1,2,2-Tetrachloroethane	10.242	83	7836	2.277	ug/L	98
59) Bromoform	9.738	173	3276	1.985	ug/L	94
60) Isopropylbenzene	9.934	105	14694	1.763	ug/L	97
61) 1,2,3-Trichloropropane	10.275	75	5985	2.448	ug/L	96
62) 1,3,5-Trimethylbenzene	10.542	105	12160	1.771	ug/L	100
63) 1,2,4-Trimethylbenzene	10.918	105	12400	1.799	ug/L	99
64) 1,3-Dichlorobenzene	11.185	146	8703	2.065	ug/L	98
65) 1,4-Dichlorobenzene	11.275	146	9450	2.153	ug/L	93
67) 1,2-Dichlorobenzene	11.644	146	9401	2.206	ug/L #	90
68) 1,2-Dibromo-3-chloropr...	12.435	75	1612	2.362	ug/L	91
69) 1,3,5-Trichlorobenzene	12.648	180	6641	2.084	ug/L	94
70) 1,2,4-trichlorobenzene	13.265	180	5858	2.121	ug/L	92
71) Naphthalene	13.506	128	16313	1.839	ug/L	99
72) 1,2,3-Trichlorobenzene	13.747	180	5753	1.970	ug/L	99

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

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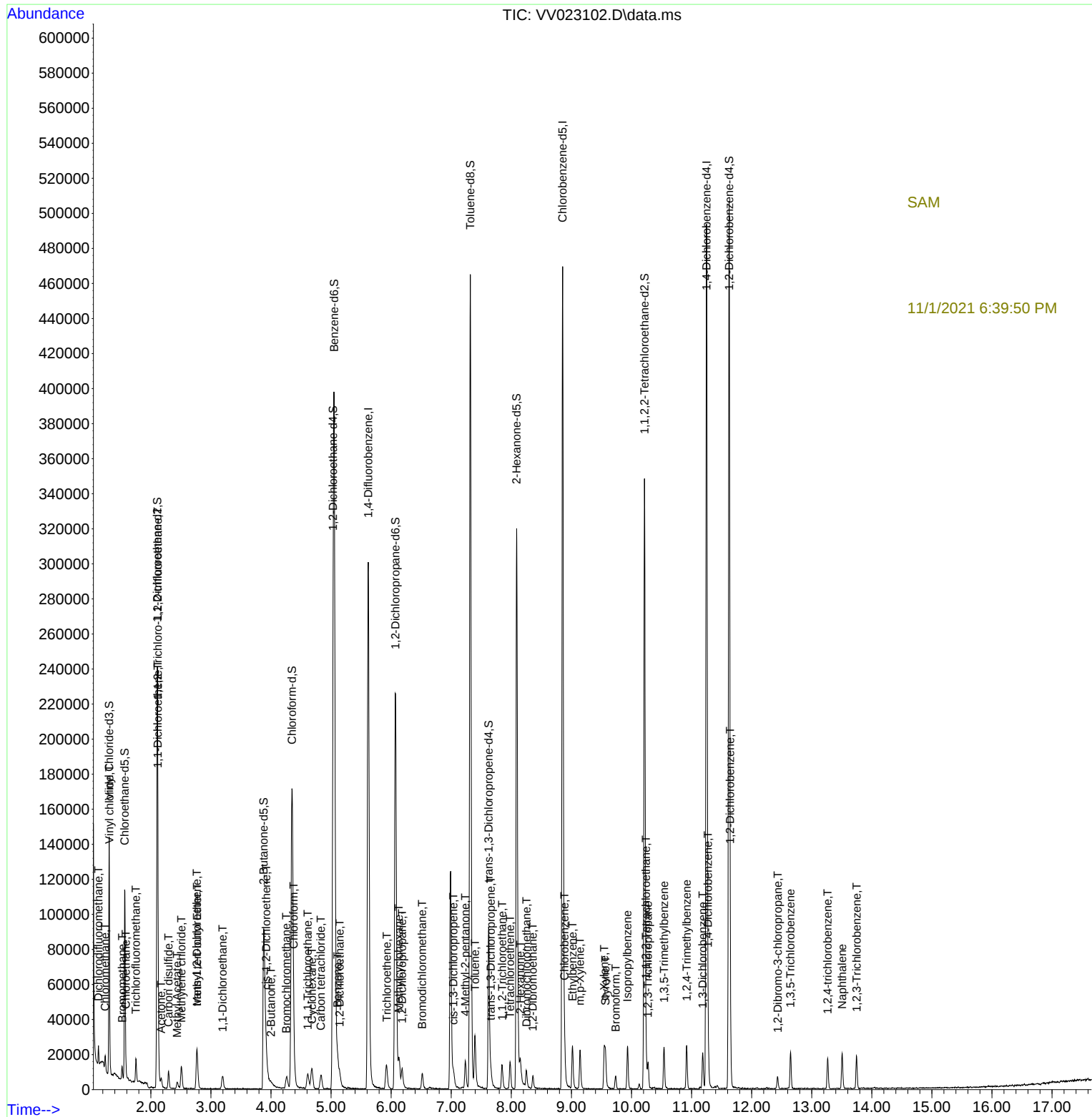
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