

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV031725\
 Data File : VV038717.D
 Acq On : 17 Mar 2025 15:13
 Operator : SY/MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Quant Time: Mar 17 16:15:02 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM031724WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Mar 17 15:08:07 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.526	114	413338	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.776	117	428521	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.175	152	231486	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	185409	44.55	ug/L	0.00
7) Chloroethane-d5	1.529	69	154599	44.32	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.053	65	81412	43.63	ug/L	0.00
21) 2-Butanone-d5	3.780	46	141456	94.37	ug/L	0.00
24) Chloroform-d	4.236	84	356146	47.34	ug/L	0.00
26) 1,2-Dichloroethane-d4	4.931	65	215579	49.25	ug/L	0.00
32) Benzene-d6	4.950	84	696004	51.29	ug/L	0.00
36) 1,2-Dichloropropane-d6	5.979	67	225895	51.56	ug/L	0.00
41) Toluene-d8	7.233	98	626341	53.13	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.545	79	101773	56.37	ug/L	0.00
47) 2-Hexanone-d5	8.018	63	104922	115.76	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.143	84	270398	49.77	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.551	152	224791	50.88	ug/L	0.00
Target Compounds						
2) Dichlorodifluoromethane	1.105	85	149217	46.37	ug/L	100
3) Chloromethane	1.214	50	197572	47.26	ug/L	99
5) Vinyl chloride	1.282	62	203356	46.88	ug/L	94
6) Bromomethane	1.484	94	112693	49.63	ug/L	100
8) Chloroethane	1.545	64	130591	47.27	ug/L	98
9) Trichlorofluoromethane	1.709	101	259229	47.12	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.063	101	152557	46.25	ug/L	97
12) 1,1-Dichloroethene	2.063	96	147494	47.55	ug/L	93
13) Acetone	2.108	43	128928	87.52	ug/L	96
14) Carbon disulfide	2.233	76	460945	47.84	ug/L	99
15) Methyl Acetate	2.368	43	153468	52.09	ug/L	93
16) Methylene chloride	2.439	84	192272	47.26	ug/L	99
17) trans-1,2-Dichloroethene	2.687	96	163131	47.26	ug/L	99
18) Methyl tert-butyl Ether	2.696	73	502768	47.26	ug/L	99
19) 1,1-Dichloroethane	3.101	63	343828	50.02	ug/L	99
20) cis-1,2-Dichloroethene	3.806	96	183327	51.36	ug/L	88
22) 2-Butanone	3.863	43	173790	100.34	ug/L	94
23) Bromochloromethane	4.137	128	96018	50.09	ug/L	83
25) Chloroform	4.265	83	341070	49.45	ug/L	99
27) 1,2-Dichloroethane	5.031	62	262190	53.04	ug/L	99
29) Cyclohexane	4.571	56	287166	54.46	ug/L	91
30) 1,1,1-Trichloroethane	4.500	97	275132	50.10	ug/L	96
31) Carbon tetrachloride	4.725	117	231503	49.03	ug/L	100
33) Benzene	4.998	78	731289	53.72	ug/L	100
34) Trichloroethene	5.825	95	179376	51.23	ug/L	95
35) Methylcyclohexane	6.040	83	273900	53.31	ug/L	95
37) 1,2-Dichloropropane	6.082	63	203119	53.55	ug/L	98
38) Bromodichloromethane	6.423	83	257491	51.57	ug/L	99
39) cis-1,3-Dichloropropene	6.944	75	311458	57.38	ug/L	100
40) 4-Methyl-2-pentanone	7.146	43	402951	119.67	ug/L	93
42) Toluene	7.307	91	778831	56.07	ug/L	98
44) trans-1,3-Dichloropropene	7.571	75	290572	56.50	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	7.757	97	185895	51.98	ug/L	98
46) Tetrachloroethene	7.895	164	128189	51.56	ug/L	96
48) 2-Hexanone	8.066	43	283978	121.67	ug/L	92
49) Dibromochloromethane	8.166	129	187304	52.50	ug/L	98
50) 1,2-Dibromoethane	8.272	107	187988	54.01	ug/L	100
51) Chlorobenzene	8.805	112	496171	52.28	ug/L	97
52) Ethylbenzene	8.937	91	838399	54.65	ug/L	99
53) m,p-Xylene	9.063	106	318494	57.18	ug/L	99
54) o-Xylene	9.468	106	307811	56.89	ug/L	98
55) Styrene	9.487	104	561700	59.08	ug/L	96
57) 1,1,2,2-Tetrachloroethane	10.169	83	278337	52.27	ug/L	99
59) Bromoform	9.654	173	116781	54.32	ug/L	99
60) Isopropylbenzene	9.857	105	811893	55.75	ug/L	99
61) 1,2,3-Trichloropropane	10.198	75	209187	54.19	ug/L	97
62) 1,3,5-Trimethylbenzene	10.468	105	654967	58.06	ug/L	99
63) 1,2,4-Trimethylbenzene	10.844	105	662221	57.89	ug/L	99
64) 1,3-Dichlorobenzene	11.108	146	380952	53.96	ug/L	98
65) 1,4-Dichlorobenzene	11.198	146	388013	51.26	ug/L	98
67) 1,2-Dichlorobenzene	11.567	146	380886	53.12	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.355	75	49218	52.75	ug/L	90
69) 1,3,5-Trichlorobenzene	12.574	180	241338	53.66	ug/L	100
70) 1,2,4-trichlorobenzene	13.191	180	206080	55.74	ug/L	98
71) Naphthalene	13.429	128	627876	65.47	ug/L	100
72) 1,2,3-Trichlorobenzene	13.670	180	215819	59.55	ug/L	97

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

ALCAST8
Client Sample ID :
MSVOA_V
Instrument :

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