

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072525\
 Data File : VX047150.D
 Acq On : 25 Jul 2025 18:10
 Operator : JC/MD
 Sample : VSTDICV020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX072525

Quant Time: Jul 26 05:48:00 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X072525W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Sat Jul 26 05:39:32 2025
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1 I	Bromochloromethane	30.000	30.000	0.0	107	0.00
2 M	Dichlorodifluoromethane	20.000	17.777	11.1	90	0.00
3 M	Chloromethane	20.000	17.404	13.0	90	0.00
4 M	Vinyl Chloride	20.000	17.073	14.6	90	0.00
5 M	Bromomethane	20.000	18.891	5.5	94	0.00
6 M	Chloroethane	20.000	20.019	-0.1	103	0.00
7 M	Trichlorofluoromethane	20.000	17.444	12.8	88	0.00
8 T	Diethyl Ether	20.000	17.637	11.8	96	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	17.600	12.0	94	0.00
10 M	1,1-Dichloroethene	20.000	17.402	13.0	88	0.00
11	Methyl Iodide	20.000	17.191	14.0	104	0.00
12	Methyl Acetate	20.000	17.495	12.5	93	0.00
13 M	Acrolein	100.000	41.678	58.3#	47	0.00
14 M	Acrylonitrile	100.000	88.096	11.9	89	0.00
15 M	Acetone	100.000	89.213	10.8	90	0.00
16 M	Carbon Disulfide	20.000	17.933	10.3	96	0.00
17	Allyl chloride	20.000	15.537	22.3	81	0.00
18 M	Methylene Chloride	20.000	17.221	13.9	89	0.00
19 M	trans-1,2-Dichloroethene	20.000	16.559	17.2	84	0.00
20 T	Diisopropyl ether	20.000	17.847	10.8	90	0.00
21 M	1,1-Dichloroethane	20.000	17.233	13.8	89	0.00
22 M	cis-1,2-Dichloroethene	20.000	17.565	12.2	92	0.00
23 M	tert-Butyl Alcohol	100.000	83.200	16.8	88	0.00
24 M	Methyl tert-Butyl Ether	20.000	17.121	14.4	89	0.00
25 M	Chloroform	20.000	17.780	11.1	90	0.00
26	Cyclohexane	20.000	17.321	13.4	89	0.00
27 s	1,2-Dichloroethane-d4	30.000	30.016	-0.1	95	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	94	0.00
29	1,1-Dichloropropene	20.000	18.014	9.9	92	0.00
30 M	2-Butanone	100.000	88.401	11.6	89	0.00
31	2,2-Dichloropropane	20.000	16.406	18.0	83	0.00
32 M	1,1,1-Trichloroethane	20.000	17.790	11.1	90	0.00
33 M	Carbon Tetrachloride	20.000	14.705	26.5#	77	0.00
34 M	Benzene	20.000	17.626	11.9	87	0.00
35	Methacrylonitrile	20.000	18.657	6.7	93	0.00
36 M	1,2-Dichloroethane	20.000	17.745	11.3	89	0.00
37 M	Trichloroethene	20.000	17.573	12.1	88	0.00
38	Methylcyclohexane	20.000	17.506	12.5	90	0.00
39 M	1,2-Dichloropropane	20.000	17.439	12.8	88	0.00
40	Dibromomethane	20.000	18.960	5.2	96	0.00
41 M	Bromodichloromethane	20.000	18.039	9.8	93	0.00
42 M	Vinyl Acetate	100.000	88.222	11.8	89	0.00
43	Ethyl Acetate	20.000	15.194	24.0	84	0.00
44	Isopropyl Acetate	20.000	17.317	13.4	89	0.00
45 T	1,4-Dioxane	400.000	365.688	8.6	91	0.00
46	Methyl methacrylate	20.000	16.919	15.4	88	0.00
47	n-amyl Acetate	20.000	17.493	12.5	88	0.00
48 M	t-1,3-Dichloropropene	20.000	17.097	14.5	89	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072525\
 Data File : VX047150.D
 Acq On : 25 Jul 2025 18:10
 Operator : JC/MD
 Sample : VSTDICV020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX072525

Quant Time: Jul 26 05:48:00 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X072525W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Sat Jul 26 05:39:32 2025
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	20.000	17.244	13.8	89	0.00
50 M	1,1,2-Trichloroethane	20.000	17.856	10.7	88	0.00
51	Ethyl methacrylate	20.000	17.621	11.9	89	0.00
52	1,3-Dichloropropane	20.000	17.928	10.4	90	0.00
53 M	Dibromochloromethane	20.000	2.010	90.0#	12	0.01
54 M	1,2-Dibromoethane	20.000	17.260	13.7	86	0.00
55 M	2-Chloroethyl vinyl ether	100.000	88.340	11.7	86	0.00
56 M	Bromoform	20.000	204.727	-923.6#	1121	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	97	0.00
58 M	4-Methyl-2-Pentanone	100.000	88.010	12.0	90	0.00
59 M	2-Hexanone	100.000	87.539	12.5	89	0.00
60 S	4-Bromofluorobenzene	30.000	30.060	-0.2	95	0.00
61 M	Tetrachloroethene	20.000	17.110	14.5	88	0.00
62 M	Toluene	20.000	17.421	12.9	89	0.00
63 S	Toluene-d8	30.000	29.792	0.7	95	0.00
64 M	Chlorobenzene	20.000	17.443	12.8	90	0.00
65	1,1,1,2-Tetrachloroethane	20.000	17.896	10.5	88	0.00
66 M	Ethyl Benzene	20.000	17.233	13.8	89	0.00
67 M	m/p-Xylenes	40.000	34.537	13.7	88	0.00
68 M	o-Xylene	20.000	17.582	12.1	90	0.00
69 M	Styrene	20.000	17.052	14.7	88	0.00
70	Isopropylbenzene	20.000	17.599	12.0	90	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	17.470	12.7	89	0.00
72	1,2,3-Trichloropropane	20.000	17.799	11.0	89	0.00
73	Bromobenzene	20.000	17.282	13.6	88	0.00
74	n-propylbenzene	20.000	17.763	11.2	90	0.00
75	2-Chlorotoluene	20.000	17.540	12.3	89	0.00
76	1,3,5-Trimethylbenzene	20.000	17.464	12.7	88	0.00
77	t-1,4-Dichloro-2-butene	20.000	9.239	53.8#	57	0.00
78	4-Chlorotoluene	20.000	17.810	11.0	90	0.00
79	tert-butylbenzene	20.000	17.893	10.5	91	0.00
80	1,2,4-Trimethylbenzene	20.000	17.791	11.0	91	0.00
81	sec-Butylbenzene	20.000	17.847	10.8	91	0.00
82	p-Isopropyltoluene	20.000	18.029	9.9	92	0.00
83 M	1,3-Dichlorobenzene	20.000	17.702	11.5	90	0.00
84 M	1,4-Dichlorobenzene	20.000	17.789	11.1	90	0.00
85	n-Butylbenzene	20.000	17.704	11.5	91	0.00
86 T	Hexachloroethane	20.000	21.610	-8.0	92	0.00
87 M	1,2-Dichlorobenzene	20.000	17.977	10.1	90	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	16.691	16.5	89	0.00
89	1,2,4-Trichlorobenzene	20.000	17.425	12.9	91	0.00
90	Hexachlorobutadiene	20.000	22.251	-11.3	93	0.00
91 M	Naphthalene	20.000	17.183	14.1	87	0.00
92	1,2,3-Trichlorobenzene	20.000	17.797	11.0	95	0.00

(#) = Out of Range

SPCC's out = 0 CCC's out = 0