

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061025\
 Data File : VX046620.D
 Acq On : 10 Jun 2025 22:26
 Operator : JC/MD
 Sample : VSTDICV020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX061025

Quant Time: Jun 11 06:31:04 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X061025W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Jun 11 06:20:28 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	98	0.00
2 M	Dichlorodifluoromethane	20.000	18.341	8.3	86	0.00
3 M	Chloromethane	20.000	18.139	9.3	84	0.00
4 M	Vinyl Chloride	20.000	18.673	6.6	87	0.00
5 M	Bromomethane	20.000	21.347	-6.7	95	0.00
6 M	Chloroethane	20.000	17.987	10.1	89	0.00
7 M	Trichlorofluoromethane	20.000	18.859	5.7	87	0.00
8 T	Diethyl Ether	20.000	17.609	12.0	81	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	18.654	6.7	87	0.00
10 M	1,1-Dichloroethene	20.000	18.187	9.1	87	0.00
11	Methyl Iodide	20.000	17.981	10.1	86	0.00
12	Methyl Acetate	20.000	16.244	18.8	58	0.00
13 M	Acrolein	100.000	107.751	-7.8	113	0.00
14 M	Acrylonitrile	100.000	92.978	7.0	87	0.00
15 M	Acetone	100.000	96.180	3.8	91	0.00
16 M	Carbon Disulfide	20.000	18.935	5.3	89	0.00
17	Allyl chloride	20.000	18.246	8.8	86	0.00
18 M	Methylene Chloride	20.000	18.904	5.5	88	0.00
19 M	trans-1,2-Dichloroethene	20.000	18.309	8.5	87	0.00
20 T	Diisopropyl ether	20.000	19.273	3.6	89	0.00
21 M	1,1-Dichloroethane	20.000	18.765	6.2	88	0.00
22 M	cis-1,2-Dichloroethene	20.000	18.515	7.4	86	0.00
23 M	tert-Butyl Alcohol	100.000	87.957	12.0	87	0.00
24 M	Methyl tert-Butyl Ether	20.000	19.029	4.9	89	0.00
25 M	Chloroform	20.000	19.068	4.7	89	0.00
26	Cyclohexane	20.000	19.372	3.1	90	0.00
27 s	1,2-Dichloroethane-d4	30.000	29.800	0.7	97	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	98	0.00
29	1,1-Dichloropropene	20.000	19.447	2.8	87	0.00
30 M	2-Butanone	100.000	96.829	3.2	89	0.00
31	2,2-Dichloropropane	20.000	18.167	9.2	85	0.00
32 M	1,1,1-Trichloroethane	20.000	19.489	2.6	89	0.00
33 M	Carbon Tetrachloride	20.000	19.577	2.1	89	0.00
34 M	Benzene	20.000	19.182	4.1	87	0.00
35	Methacrylonitrile	20.000	18.761	6.2	89	0.00
36 M	1,2-Dichloroethane	20.000	19.556	2.2	87	0.00
37 M	Trichloroethene	20.000	19.124	4.4	89	0.00
38	Methylcyclohexane	20.000	19.300	3.5	91	0.00
39 M	1,2-Dichloropropane	20.000	18.986	5.1	87	0.00
40	Dibromomethane	20.000	19.442	2.8	89	0.00
41 M	Bromodichloromethane	20.000	19.418	2.9	87	0.00
42 M	Vinyl Acetate	100.000	100.381	-0.4	103	0.00
43	Ethyl Acetate	20.000	19.747	1.3	92	0.00
44	Isopropyl Acetate	20.000	19.737	1.3	94	0.00
45 T	1,4-Dioxane	400.000	404.565	-1.1	91	0.00
46	Methyl methacrylate	20.000	19.609	2.0	90	0.00
47	n-amyl Acetate	20.000	19.676	1.6	107	0.00
48 M	t-1,3-Dichloropropene	20.000	18.423	7.9	90	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	20.000	19.386	3.1	92	0.00
50 M	1,1,2-Trichloroethane	20.000	19.467	2.7	89	0.00
51	Ethyl methacrylate	20.000	19.032	4.8	90	0.00
52	1,3-Dichloropropane	20.000	19.143	4.3	86	0.00
53 M	Dibromochloromethane	20.000	19.199	4.0	89	0.00
54 M	1,2-Dibromoethane	20.000	19.241	3.8	90	0.00
55 M	2-Chloroethyl vinyl ether	100.000	99.945	0.1	89	0.00
56 M	Bromoform	20.000	19.319	3.4	91	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	97	0.00
58 M	4-Methyl-2-Pentanone	100.000	98.710	1.3	90	0.00
59 M	2-Hexanone	100.000	97.744	2.3	89	0.00
60 S	4-Bromofluorobenzene	30.000	30.100	-0.3	98	0.00
61 M	Tetrachloroethene	20.000	19.275	3.6	89	0.00
62 M	Toluene	20.000	19.399	3.0	88	0.00
63 S	Toluene-d8	30.000	30.271	-0.9	97	0.00
64 M	Chlorobenzene	20.000	19.355	3.2	90	0.00
65	1,1,1,2-Tetrachloroethane	20.000	19.199	4.0	89	0.00
66 M	Ethyl Benzene	20.000	19.321	3.4	89	0.00
67 M	m/p-Xylenes	40.000	39.025	2.4	89	0.00
68 M	o-Xylene	20.000	19.734	1.3	90	0.00
69 M	Styrene	20.000	19.447	2.8	88	0.00
70	Isopropylbenzene	20.000	19.548	2.3	90	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	19.550	2.2	88	0.00
72	1,2,3-Trichloropropane	20.000	19.261	3.7	88	0.00
73	Bromobenzene	20.000	19.277	3.6	90	0.00
74	n-propylbenzene	20.000	19.794	1.0	90	0.00
75	2-Chlorotoluene	20.000	19.560	2.2	89	0.00
76	1,3,5-Trimethylbenzene	20.000	19.841	0.8	90	0.00
77	t-1,4-Dichloro-2-butene	20.000	18.038	9.8	89	0.00
78	4-Chlorotoluene	20.000	19.964	0.2	90	0.00
79	tert-butylbenzene	20.000	19.777	1.1	90	0.00
80	1,2,4-Trimethylbenzene	20.000	19.890	0.5	90	0.00
81	sec-Butylbenzene	20.000	19.611	1.9	89	0.00
82	p-Isopropyltoluene	20.000	19.884	0.6	90	0.00
83 M	1,3-Dichlorobenzene	20.000	19.658	1.7	90	0.00
84 M	1,4-Dichlorobenzene	20.000	19.878	0.6	90	0.00
85	n-Butylbenzene	20.000	19.790	1.1	89	0.00
86 T	Hexachloroethane	20.000	19.242	3.8	90	0.00
87 M	1,2-Dichlorobenzene	20.000	19.751	1.2	90	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	19.157	4.2	89	0.00
89	1,2,4-Trichlorobenzene	20.000	19.764	1.2	92	0.00
90	Hexachlorobutadiene	20.000	20.031	-0.2	93	0.00
91 M	Naphthalene	20.000	19.272	3.6	90	0.00
92	1,2,3-Trichlorobenzene	20.000	19.375	3.1	89	0.00

(#) = Out of Range

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