

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 :
 ICSVX061025

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	AvgRF	CCRF	%Dev	Area%	Dev(min)
1 I	Bromochloromethane	1.000	1.000	0.0	98	0.00
2 M	Dichlorodifluoromethane	1.950	1.789	8.3	86	0.00
3 M	Chloromethane	2.010	1.823	9.3	84	0.00
4 M	Vinyl Chloride	1.937	1.809	6.6	87	0.00
5 M	Bromomethane	1.157	1.235	-6.7	95	0.00
6 M	Chloroethane	1.113	1.001	10.1	89	0.00
7 M	Trichlorofluoromethane	2.775	2.617	5.7	87	0.00
8 T	Diethyl Ether	0.972	0.856	11.9	81	0.00
9	1,1,2-Trichlorotrifluoroeth	1.846	1.722	6.7	87	0.00
10 M	1,1-Dichloroethene	1.791	1.629	9.0	87	0.00
11	Methyl Iodide	2.442	2.195	10.1	86	0.00
12	Methyl Acetate	2.257	1.833	18.8	58	0.00
13 M	Acrolein	0.221	0.238	-7.7	113	0.00
14 M	Acrylonitrile	0.928	0.863	7.0	87	0.00
15 M	Acetone	0.212	0.204	3.8	91	0.00
16 M	Carbon Disulfide	4.969	4.704	5.3	89	0.00
17	Allyl chloride	3.249	2.964	8.8	86	0.00
18 M	Methylene Chloride	1.976	1.868	5.5	88	0.00
19 M	trans-1,2-Dichloroethene	1.856	1.699	8.5	87	0.00
20 T	Diisopropyl ether	6.147	5.924	3.6	89	0.00
21 M	1,1-Dichloroethane	3.522	3.305	6.2	88	0.00
22 M	cis-1,2-Dichloroethene	2.164	2.003	7.4	86	0.00
23 M	tert-Butyl Alcohol	0.187	0.165	11.8	87	0.00
24 M	Methyl tert-Butyl Ether	5.471	5.205	4.9	89	0.00
25 M	Chloroform	3.625	3.456	4.7	89	0.00
26	Cyclohexane	3.214	3.113	3.1	90	0.00
27 s	1,2-Dichloroethane-d4	2.428	2.412	0.7	97	0.00
28 I	1,4-Difluorobenzene	1.000	1.000	0.0	98	0.00
29	1,1-Dichloropropene	0.472	0.459	2.8	87	0.00
30 M	2-Butanone	0.210	0.204	2.9	89	0.00
31	2,2-Dichloropropane	0.419	0.381	9.1	85	0.00
32 M	1,1,1-Trichloroethane	0.583	0.568	2.6	89	0.00
33 M	Carbon Tetrachloride	0.518	0.507	2.1	89	0.00
34 M	Benzene	1.387	1.330	4.1	87	0.00
35	Methacrylonitrile	0.258	0.242	6.2	89	0.00
36 M	1,2-Dichloroethane	0.525	0.513	2.3	87	0.00
37 M	Trichloroethene	0.348	0.333	4.3	89	0.00
38	Methylcyclohexane	0.599	0.578	3.5	91	0.00
39 M	1,2-Dichloropropane	0.346	0.328	5.2	87	0.00
40	Dibromomethane	0.259	0.251	3.1	89	0.00
41 M	Bromodichloromethane	0.527	0.512	2.8	87	0.00
42 M	Vinyl Acetate	0.908	0.911	-0.3	103	0.00
43	Ethyl Acetate	0.446	0.440	1.3	92	0.00
44	Isopropyl Acetate	0.697	0.688	1.3	94	0.00
45 T	1,4-Dioxane	0.004	0.004	0.0	91	0.00
46	Methyl methacrylate	0.380	0.373	1.8	90	0.00
47	n-amyl Acetate	0.623	0.613	1.6	107	0.00
48 M	t-1,3-Dichloropropene	0.472	0.435	7.8	90	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	0.527	0.511	3.0	92	0.00
50 M	1,1,2-Trichloroethane	0.326	0.317	2.8	89	0.00
51	Ethyl methacrylate	0.496	0.472	4.8	90	0.00
52	1,3-Dichloropropane	0.568	0.543	4.4	86	0.00
53 M	Dibromochloromethane	0.384	0.369	3.9	89	0.00
54 M	1,2-Dibromoethane	0.343	0.330	3.8	90	0.00
55 M	2-Chloroethyl vinyl ether	0.259	0.259	0.0	89	0.00
56 M	Bromoform	0.237	0.229	3.4	91	0.00
57 I	Chlorobenzene-d5	1.000	1.000	0.0	97	0.00
58 M	4-Methyl-2-Pentanone	0.488	0.482	1.2	90	0.00
59 M	2-Hexanone	0.344	0.336	2.3	89	0.00
60 S	4-Bromofluorobenzene	0.506	0.507	-0.2	98	0.00
61 M	Tetrachloroethene	0.314	0.303	3.5	89	0.00
62 M	Toluene	1.626	1.577	3.0	88	0.00
63 S	Toluene-d8	1.340	1.352	-0.9	97	0.00
64 M	Chlorobenzene	1.049	1.015	3.2	90	0.00
65	1,1,1,2-Tetrachloroethane	0.351	0.337	4.0	89	0.00
66 M	Ethyl Benzene	1.856	1.793	3.4	89	0.00
67 M	m/p-Xylenes	0.687	0.670	2.5	89	0.00
68 M	o-Xylene	0.661	0.652	1.4	90	0.00
69 M	Styrene	1.133	1.102	2.7	88	0.00
70	Isopropylbenzene	1.774	1.734	2.3	90	0.00
71 M	1,1,2,2-Tetrachloroethane	0.521	0.509	2.3	88	0.00
72	1,2,3-Trichloropropane	0.435	0.419	3.7	88	0.00
73	Bromobenzene	0.416	0.401	3.6	90	0.00
74	n-propylbenzene	2.122	2.100	1.0	90	0.00
75	2-Chlorotoluene	1.270	1.242	2.2	89	0.00
76	1,3,5-Trimethylbenzene	1.474	1.462	0.8	90	0.00
77	t-1,4-Dichloro-2-butene	0.147	0.133	9.5	89	0.00
78	4-Chlorotoluene	1.469	1.467	0.1	90	0.00
79	tert-butylbenzene	1.470	1.454	1.1	90	0.00
80	1,2,4-Trimethylbenzene	1.456	1.448	0.5	90	0.00
81	sec-Butylbenzene	1.881	1.845	1.9	89	0.00
82	p-Isopropyltoluene	1.544	1.535	0.6	90	0.00
83 M	1,3-Dichlorobenzene	0.774	0.761	1.7	90	0.00
84 M	1,4-Dichlorobenzene	0.779	0.774	0.6	90	0.00
85	n-Butylbenzene	1.488	1.472	1.1	89	0.00
86 T	Hexachloroethane	0.268	0.258	3.7	90	0.00
87 M	1,2-Dichlorobenzene	0.745	0.735	1.3	90	0.00
88	1,2-Dibromo-3-Chloropropane	0.108	0.103	4.6	89	0.00
89	1,2,4-Trichlorobenzene	0.491	0.485	1.2	92	0.00
90	Hexachlorobutadiene	0.216	0.217	-0.5	93	0.00
91 M	Naphthalene	1.558	1.501	3.7	90	0.00
92	1,2,3-Trichlorobenzene	0.482	0.467	3.1	89	0.00

(#) = Out of Range

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