

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061125\
 Data File : VX046628.D
 Acq On : 11 Jun 2025 11:12
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC020

Quant Time: Jun 12 01:36:21 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	104	0.00
2 M	Dichlorodifluoromethane	1.950	2.041	-4.7	104	0.00
3 M	Chloromethane	2.010	1.881	6.4	92	0.00
4 M	Vinyl Chloride	1.937	1.909	1.4	97	0.00
5 M	Bromomethane	1.157	0.828	28.4#	67	0.00
6 M	Chloroethane	1.113	1.062	4.6	100	0.00
7 M	Trichlorofluoromethane	2.775	2.841	-2.4	99	0.00
8 T	Diethyl Ether	0.972	0.945	2.8	95	0.00
9	1,1,2-Trichlorotrifluoroeth	1.846	1.850	-0.2	99	0.00
10 M	1,1-Dichloroethene	1.791	1.741	2.8	98	0.00
11	Methyl Iodide	2.442	1.661	32.0#	69	0.00
12	Methyl Acetate	2.257	1.816	19.5	61	0.00
13 M	Acrolein	0.221	0.222	-0.5	111	0.00
14 M	Acrylonitrile	0.928	0.862	7.1	92	0.00
15 M	Acetone	0.212	0.206	2.8	97	0.00
16 M	Carbon Disulfide	4.969	5.091	-2.5	102	0.00
17	Allyl chloride	3.249	3.228	0.6	99	0.00
18 M	Methylene Chloride	1.976	1.991	-0.8	100	0.00
19 M	trans-1,2-Dichloroethene	1.856	1.850	0.3	100	0.00
20 T	Diisopropyl ether	6.147	6.206	-1.0	99	0.00
21 M	1,1-Dichloroethane	3.522	3.486	1.0	98	0.00
22 M	cis-1,2-Dichloroethene	2.164	2.203	-1.8	100	-0.01
23 M	tert-Butyl Alcohol	0.187	0.158	15.5	89	0.00
24 M	Methyl tert-Butyl Ether	5.471	5.324	2.7	97	0.00
25 M	Chloroform	3.625	3.724	-2.7	101	0.00
26	Cyclohexane	3.214	3.215	-0.0	99	0.00
27 s	1,2-Dichloroethane-d4	2.428	2.484	-2.3	106	-0.01
28 I	1,4-Difluorobenzene	1.000	1.000	0.0	106	0.00
29	1,1-Dichloropropene	0.472	0.472	0.0	97	0.00
30 M	2-Butanone	0.210	0.198	5.7	93	0.00
31	2,2-Dichloropropane	0.419	0.478	-14.1	115	-0.01
32 M	1,1,1-Trichloroethane	0.583	0.591	-1.4	100	0.00
33 M	Carbon Tetrachloride	0.518	0.536	-3.5	102	0.00
34 M	Benzene	1.387	1.393	-0.4	98	0.00
35	Methacrylonitrile	0.258	0.252	2.3	100	-0.02
36 M	1,2-Dichloroethane	0.525	0.538	-2.5	98	0.00
37 M	Trichloroethene	0.348	0.342	1.7	99	0.00
38	Methylcyclohexane	0.599	0.604	-0.8	102	0.00
39 M	1,2-Dichloropropane	0.346	0.347	-0.3	100	0.00
40	Dibromomethane	0.259	0.255	1.5	97	-0.01
41 M	Bromodichloromethane	0.527	0.525	0.4	97	0.00
42 M	Vinyl Acetate	0.908	0.914	-0.7	112	0.00
43	Ethyl Acetate	0.446	0.435	2.5	98	0.00
44	Isopropyl Acetate	0.697	0.674	3.3	100	0.00
45 T	1,4-Dioxane	0.004	0.004	0.0	82	0.00
46	Methyl methacrylate	0.380	0.362	4.7	94	0.00
47	n-amyl Acetate	0.623	0.603	3.2	113	0.00
48 M	t-1,3-Dichloropropene	0.472	0.458	3.0	102	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	0.527	0.516	2.1	100	0.00
50 M	1,1,2-Trichloroethane	0.326	0.326	0.0	98	0.00
51	Ethyl methacrylate	0.496	0.461	7.1	94	0.00
52	1,3-Dichloropropane	0.568	0.566	0.4	96	0.00
53 M	Dibromochloromethane	0.384	0.390	-1.6	102	0.00
54 M	1,2-Dibromoethane	0.343	0.334	2.6	98	0.00
55 M	2-Chloroethyl vinyl ether	0.259	0.255	1.5	94	0.00
56 M	Bromoform	0.237	0.239	-0.8	102	0.00
57 I	Chlorobenzene-d5	1.000	1.000	0.0	103	0.00
58 M	4-Methyl-2-Pentanone	0.488	0.475	2.7	94	0.00
59 M	2-Hexanone	0.344	0.320	7.0	89	0.00
60 S	4-Bromofluorobenzene	0.506	0.516	-2.0	105	0.00
61 M	Tetrachloroethene	0.314	0.317	-1.0	98	0.00
62 M	Toluene	1.626	1.647	-1.3	97	0.00
63 S	Toluene-d8	1.340	1.361	-1.6	103	0.00
64 M	Chlorobenzene	1.049	1.052	-0.3	99	0.00
65	1,1,1,2-Tetrachloroethane	0.351	0.344	2.0	96	0.00
66 M	Ethyl Benzene	1.856	1.841	0.8	97	0.00
67 M	m/p-Xylenes	0.687	0.689	-0.3	97	0.00
68 M	o-Xylene	0.661	0.658	0.5	96	0.00
69 M	Styrene	1.133	1.145	-1.1	96	0.00
70	Isopropylbenzene	1.774	1.792	-1.0	98	0.00
71 M	1,1,2,2-Tetrachloroethane	0.521	0.517	0.8	94	0.00
72	1,2,3-Trichloropropane	0.435	0.427	1.8	94	0.00
73	Bromobenzene	0.416	0.411	1.2	97	0.00
74	n-propylbenzene	2.122	2.175	-2.5	99	0.00
75	2-Chlorotoluene	1.270	1.283	-1.0	97	0.00
76	1,3,5-Trimethylbenzene	1.474	1.508	-2.3	98	0.00
77	t-1,4-Dichloro-2-butene	0.147	0.139	5.4	98	0.00
78	4-Chlorotoluene	1.469	1.500	-2.1	97	0.00
79	tert-butylbenzene	1.470	1.500	-2.0	98	0.00
80	1,2,4-Trimethylbenzene	1.456	1.511	-3.8	99	0.00
81	sec-Butylbenzene	1.881	1.920	-2.1	98	0.00
82	p-Isopropyltoluene	1.544	1.622	-5.1	101	0.00
83 M	1,3-Dichlorobenzene	0.774	0.797	-3.0	100	0.00
84 M	1,4-Dichlorobenzene	0.779	0.799	-2.6	98	0.00
85	n-Butylbenzene	1.488	1.548	-4.0	99	0.00
86 T	Hexachloroethane	0.268	0.265	1.1	98	0.00
87 M	1,2-Dichlorobenzene	0.745	0.756	-1.5	97	0.00
88	1,2-Dibromo-3-Chloropropane	0.108	0.107	0.9	98	0.00
89	1,2,4-Trichlorobenzene	0.491	0.491	0.0	98	0.00
90	Hexachlorobutadiene	0.216	0.217	-0.5	98	0.00
91 M	Naphthalene	1.558	1.532	1.7	98	0.00
92	1,2,3-Trichlorobenzene	0.482	0.484	-0.4	98	0.00

(#) = Out of Range

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