

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX013025\
 Data File : VX044781.D
 Acq On : 30 Jan 2025 16:00
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC020

Quant Time: Jan 31 00:43:14 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X011625W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Jan 17 01:21:41 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	75	-0.01
2 M	Dichlorodifluoromethane	2.667	2.428	9.0	69	0.00
3 M	Chloromethane	2.806	2.885	-2.8	75	0.00
4 M	Vinyl Chloride	2.745	2.657	3.2	72	0.00
5 M	Bromomethane	0.663	0.776	-17.0	90	0.00
6 M	Chloroethane	0.435	1.411	-224.4#	245#	0.00
7 M	Trichlorofluoromethane	3.006	3.584	-19.2	90	0.00
8 T	Diethyl Ether	1.160	1.109	4.4	72	0.00
9	1,1,2-Trichlorotrifluoroeth	2.154	2.451	-13.8	88	0.00
10 M	1,1-Dichloroethene	2.216	2.228	-0.5	77	0.00
11	Methyl Iodide	3.071	2.899	5.6	69	0.00
12	Methyl Acetate	3.235	3.534	-9.2	84	0.00
13 M	Acrolein	0.358	0.404	-12.8	103	0.00
14 M	Acrylonitrile	1.179	1.275	-8.1	80	0.00
15 M	Acetone	0.316	0.330	-4.4	79	0.00
16 M	Carbon Disulfide	6.158	6.069	1.4	74	0.00
17	Allyl chloride	3.996	3.996	0.0	74	0.00
18 M	Methylene Chloride	2.480	2.479	0.0	73	0.00
19 M	trans-1,2-Dichloroethene	2.203	2.256	-2.4	77	0.00
20 T	Diisopropyl ether	7.253	7.743	-6.8	77	0.00
21 M	1,1-Dichloroethane	4.303	4.284	0.4	74	0.00
22 M	cis-1,2-Dichloroethene	2.727	2.627	3.7	70	0.00
23 M	tert-Butyl Alcohol	0.570	0.571	-0.2	73	-0.01
24 M	Methyl tert-Butyl Ether	7.678	7.260	5.4	69	0.00
25 M	Chloroform	4.275	4.251	0.6	73	0.00
26	Cyclohexane	3.616	3.983	-10.1	83	0.00
27 s	1,2-Dichloroethane-d4	2.896	2.602	10.2	68	0.00
28 I	1,4-Difluorobenzene	1.000	1.000	0.0	76	0.00
29	1,1-Dichloropropene	0.522	0.518	0.8	75	0.00
30 M	2-Butanone	0.287	0.301	-4.9	77	0.00
31	2,2-Dichloropropane	0.722	0.655	9.3	68	-0.01
32 M	1,1,1-Trichloroethane	0.692	0.649	6.2	70	0.00
33 M	Carbon Tetrachloride	0.583	0.551	5.5	71	0.00
34 M	Benzene	1.665	1.719	-3.2	75	0.00
35	Methacrylonitrile	0.320	0.330	-3.1	77	-0.01
36 M	1,2-Dichloroethane	0.595	0.548	7.9	67	0.00
37 M	Trichloroethene	0.402	0.395	1.7	74	0.00
38	Methylcyclohexane	0.709	0.750	-5.8	82	0.00
39 M	1,2-Dichloropropane	0.415	0.425	-2.4	75	0.00
40	Dibromomethane	0.309	0.295	4.5	71	0.00
41 M	Bromodichloromethane	0.637	0.599	6.0	69	0.00
42 M	Vinyl Acetate	1.138	1.138	0.0	73	0.00
43	Ethyl Acetate	0.562	0.552	1.8	71	-0.01
44	Isopropyl Acetate	1.010	1.000	1.0	73	0.00
45 T	1,4-Dioxane	0.010	0.010	0.0	73	-0.02
46	Methyl methacrylate	0.494	0.473	4.3	70	0.00
47	n-amyl Acetate	0.848	0.902	-6.4	76	0.00
48 M	t-1,3-Dichloropropene	0.673	0.610	9.4	66	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	0.721	0.678	6.0	69	0.00
50 M	1,1,2-Trichloroethane	0.397	0.416	-4.8	75	0.00
51	Ethyl methacrylate	0.691	0.692	-0.1	73	0.00
52	1,3-Dichloropropane	0.687	0.720	-4.8	76	0.00
53 M	Dibromochloromethane	0.475	0.457	3.8	69	0.00
54 M	1,2-Dibromoethane	0.420	0.411	2.1	71	0.00
55 M	2-Chloroethyl vinyl ether	0.335	0.323	3.6	70	0.00
56 M	Bromoform	0.315	0.299	5.1	70	0.00
57 I	Chlorobenzene-d5	1.000	1.000	0.0	77	0.00
58 M	4-Methyl-2-Pentanone	0.632	0.692	-9.5	82	0.00
59 M	2-Hexanone	0.463	0.505	-9.1	82	0.00
60 S	4-Bromofluorobenzene	0.583	0.575	1.4	76	0.00
61 M	Tetrachloroethene	0.360	0.364	-1.1	80	0.00
62 M	Toluene	1.975	1.996	-1.1	78	0.00
63 S	Toluene-d8	1.632	1.610	1.3	76	0.00
64 M	Chlorobenzene	1.227	1.245	-1.5	77	0.00
65	1,1,1,2-Tetrachloroethane	0.441	0.414	6.1	71	0.00
66 M	Ethyl Benzene	2.156	2.189	-1.5	77	0.00
67 M	m/p-Xylenes	0.792	0.832	-5.1	78	0.00
68 M	o-Xylene	0.795	0.825	-3.8	77	0.00
69 M	Styrene	1.306	1.388	-6.3	78	0.00
70	Isopropylbenzene	1.999	2.111	-5.6	79	0.00
71 M	1,1,2,2-Tetrachloroethane	0.672	0.711	-5.8	80	0.00
72	1,2,3-Trichloropropane	0.565	0.594	-5.1	78	0.00
73	Bromobenzene	0.466	0.487	-4.5	78	0.00
74	n-propylbenzene	2.271	2.510	-10.5	83	0.00
75	2-Chlorotoluene	1.428	1.515	-6.1	79	0.00
76	1,3,5-Trimethylbenzene	1.624	1.733	-6.7	79	0.00
77	t-1,4-Dichloro-2-butene	0.268	0.231	13.8	66	0.00
78	4-Chlorotoluene	1.573	1.670	-6.2	80	0.00
79	tert-butylbenzene	1.668	1.821	-9.2	81	0.00
80	1,2,4-Trimethylbenzene	1.638	1.768	-7.9	80	0.00
81	sec-Butylbenzene	1.992	2.261	-13.5	85	0.00
82	p-Isopropyltoluene	1.639	1.819	-11.0	83	0.00
83 M	1,3-Dichlorobenzene	0.827	0.891	-7.7	81	0.00
84 M	1,4-Dichlorobenzene	0.811	0.894	-10.2	82	0.00
85	n-Butylbenzene	1.421	1.611	-13.4	87	0.00
86 T	Hexachloroethane	0.361	0.353	2.2	75	0.00
87 M	1,2-Dichlorobenzene	0.826	0.898	-8.7	81	0.00
88	1,2-Dibromo-3-Chloropropane	0.162	0.133	17.9	64	0.00
89	1,2,4-Trichlorobenzene	0.513	0.534	-4.1	82	0.00
90	Hexachlorobutadiene	0.199	0.217	-9.0	84	0.00
91 M	Naphthalene	1.921	1.939	-0.9	77	0.00
92	1,2,3-Trichlorobenzene	0.522	0.548	-5.0	80	0.00

(#) = Out of Range

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