

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX030425\
 Data File : VX045125.D
 Acq On : 04 Mar 2025 15:31
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC020

Quant Time: Mar 05 00:48:00 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X022125W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Sat Feb 22 01:06:36 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	92	0.00
2 M	Dichlorodifluoromethane	2.529	2.456	2.9	91	0.00
3 M	Chloromethane	3.029	2.910	3.9	90	0.00
4 M	Vinyl Chloride	2.923	2.702	7.6	88	0.00
5 M	Bromomethane	1.017	1.117	-9.8	106	0.00
6 M	Chloroethane	1.583	1.421	10.2	79	0.00
7 M	Trichlorofluoromethane	3.928	3.875	1.3	96	0.00
8 T	Diethyl Ether	1.486	1.347	9.4	87	0.00
9	1,1,2-Trichlorotrifluoroeth	2.333	2.275	2.5	96	0.00
10 M	1,1-Dichloroethene	2.279	2.213	2.9	95	0.00
11	Methyl Iodide	2.579	2.611	-1.2	111	0.00
12	Methyl Acetate	2.646	3.278	-23.9	122	0.00
13 M	Acrolein	0.530	0.563	-6.2	110	0.00
14 M	Acrylonitrile	1.293	1.348	-4.3	100	0.00
15 M	Acetone	0.355	0.347	2.3	91	0.00
16 M	Carbon Disulfide	6.464	5.733	11.3	88	0.00
17	Allyl chloride	4.262	3.958	7.1	93	0.00
18 M	Methylene Chloride	2.563	2.509	2.1	93	0.00
19 M	trans-1,2-Dichloroethene	2.306	2.164	6.2	91	0.00
20 T	Diisopropyl ether	8.191	7.812	4.6	93	0.00
21 M	1,1-Dichloroethane	4.555	4.401	3.4	94	0.00
22 M	cis-1,2-Dichloroethene	2.763	2.665	3.5	93	0.00
23 M	tert-Butyl Alcohol	0.451	0.455	-0.9	99	-0.02
24 M	Methyl tert-Butyl Ether	7.438	7.234	2.7	95	0.00
25 M	Chloroform	4.400	4.382	0.4	95	-0.01
26	Cyclohexane	4.205	3.935	6.4	90	0.00
27 s	1,2-Dichloroethane-d4	2.914	2.922	-0.3	94	0.00
28 I	1,4-Difluorobenzene	1.000	1.000	0.0	90	0.00
29	1,1-Dichloropropene	0.552	0.543	1.6	91	-0.01
30 M	2-Butanone	0.319	0.351	-10.0	102	0.00
31	2,2-Dichloropropane	0.624	0.537	13.9	82	0.00
32 M	1,1,1-Trichloroethane	0.669	0.686	-2.5	96	0.00
33 M	Carbon Tetrachloride	0.564	0.590	-4.6	97	0.00
34 M	Benzene	1.731	1.766	-2.0	94	0.00
35	Methacrylonitrile	0.341	0.367	-7.6	99	0.00
36 M	1,2-Dichloroethane	0.592	0.614	-3.7	95	0.00
37 M	Trichloroethene	0.405	0.410	-1.2	92	0.00
38	Methylcyclohexane	0.741	0.709	4.3	91	0.00
39 M	1,2-Dichloropropane	0.430	0.423	1.6	90	0.00
40	Dibromomethane	0.309	0.313	-1.3	93	0.00
41 M	Bromodichloromethane	0.614	0.633	-3.1	96	0.00
42 M	Vinyl Acetate	1.237	1.205	2.6	91	0.00
43	Ethyl Acetate	0.598	0.618	-3.3	96	0.00
44	Isopropyl Acetate	0.984	1.022	-3.9	100	0.00
45 T	1,4-Dioxane	0.010	0.011	-10.0	91	0.00
46	Methyl methacrylate	0.482	0.492	-2.1	97	0.00
47	n-amyl Acetate	0.854	0.858	-0.5	96	0.00
48 M	t-1,3-Dichloropropene	0.591	0.547	7.4	93	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	0.670	0.646	3.6	91	0.00
50 M	1,1,2-Trichloroethane	0.403	0.417	-3.5	93	0.00
51	Ethyl methacrylate	0.633	0.615	2.8	94	0.00
52	1,3-Dichloropropane	0.706	0.728	-3.1	93	0.00
53 M	Dibromochloromethane	0.445	0.462	-3.8	95	0.00
54 M	1,2-Dibromoethane	0.409	0.426	-4.2	96	0.00
55 M	2-Chloroethyl vinyl ether	0.325	0.316	2.8	91	0.00
56 M	Bromoform	0.279	0.299	-7.2	104	0.00
57 I	Chlorobenzene-d5	1.000	1.000	0.0	90	0.00
58 M	4-Methyl-2-Pentanone	0.682	0.758	-11.1	101	0.00
59 M	2-Hexanone	0.493	0.549	-11.4	102	0.00
60 S	4-Bromofluorobenzene	0.561	0.556	0.9	90	0.00
61 M	Tetrachloroethene	0.369	0.387	-4.9	95	0.00
62 M	Toluene	1.987	2.013	-1.3	93	0.00
63 S	Toluene-d8	1.660	1.670	-0.6	90	0.00
64 M	Chlorobenzene	1.231	1.257	-2.1	94	0.00
65	1,1,1,2-Tetrachloroethane	0.406	0.412	-1.5	95	0.00
66 M	Ethyl Benzene	2.176	2.213	-1.7	95	0.00
67 M	m/p-Xylenes	0.811	0.836	-3.1	93	0.00
68 M	o-Xylene	0.795	0.795	0.0	90	0.00
69 M	Styrene	1.328	1.354	-2.0	93	0.00
70	Isopropylbenzene	2.053	2.116	-3.1	94	0.00
71 M	1,1,2,2-Tetrachloroethane	0.675	0.741	-9.8	101	0.00
72	1,2,3-Trichloropropane	0.555	0.588	-5.9	99	0.00
73	Bromobenzene	0.473	0.493	-4.2	96	0.00
74	n-propylbenzene	2.443	2.490	-1.9	94	0.00
75	2-Chlorotoluene	1.477	1.514	-2.5	93	0.00
76	1,3,5-Trimethylbenzene	1.693	1.758	-3.8	94	0.00
77	t-1,4-Dichloro-2-butene	0.187	0.171	8.6	97	0.00
78	4-Chlorotoluene	1.646	1.692	-2.8	95	0.00
79	tert-butylbenzene	1.706	1.805	-5.8	96	0.00
80	1,2,4-Trimethylbenzene	1.696	1.711	-0.9	91	0.00
81	sec-Butylbenzene	2.141	2.248	-5.0	96	0.00
82	p-Isopropyltoluene	1.735	1.815	-4.6	96	0.00
83 M	1,3-Dichlorobenzene	0.879	0.902	-2.6	93	0.00
84 M	1,4-Dichlorobenzene	0.867	0.891	-2.8	94	0.00
85	n-Butylbenzene	1.584	1.583	0.1	95	0.00
86 T	Hexachloroethane	0.306	0.311	-1.6	100	0.00
87 M	1,2-Dichlorobenzene	0.863	0.936	-8.5	98	0.00
88	1,2-Dibromo-3-Chloropropane	0.131	0.138	-5.3	104	0.00
89	1,2,4-Trichlorobenzene	0.523	0.530	-1.3	98	0.00
90	Hexachlorobutadiene	0.213	0.227	-6.6	98	0.00
91 M	Naphthalene	1.843	1.878	-1.9	96	0.00
92	1,2,3-Trichlorobenzene	0.538	0.542	-0.7	94	0.00

(#) = Out of Range

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