

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022125\
 Data File : VX045020.D
 Acq On : 21 Feb 2025 16:05
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC020

Quant Time: Feb 22 01:17:10 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	96	0.00
2 M	Dichlorodifluoromethane	2.529	2.303	8.9	89	0.00
3 M	Chloromethane	3.029	2.815	7.1	90	0.00
4 M	Vinyl Chloride	2.923	2.638	9.8	89	0.00
5 M	Bromomethane	1.017	1.003	1.4	99	0.00
6 M	Chloroethane	1.583	1.491	5.8	86	0.00
7 M	Trichlorofluoromethane	3.928	3.661	6.8	95	0.00
8 T	Diethyl Ether	1.486	1.334	10.2	90	0.00
9	1,1,2-Trichlorotrifluoroeth	2.333	2.212	5.2	97	0.00
10 M	1,1-Dichloroethene	2.279	2.120	7.0	95	0.00
11	Methyl Iodide	2.579	2.191	15.0	97	0.00
12	Methyl Acetate	2.646	2.586	2.3	100	0.00
13 M	Acrolein	0.530	0.588	-10.9	119	0.00
14 M	Acrylonitrile	1.293	1.277	1.2	99	0.00
15 M	Acetone	0.355	0.343	3.4	94	0.00
16 M	Carbon Disulfide	6.464	5.778	10.6	93	0.00
17	Allyl chloride	4.262	3.808	10.7	93	0.00
18 M	Methylene Chloride	2.563	2.399	6.4	93	0.00
19 M	trans-1,2-Dichloroethene	2.306	2.136	7.4	94	0.00
20 T	Diisopropyl ether	8.191	7.615	7.0	94	0.00
21 M	1,1-Dichloroethane	4.555	4.166	8.5	92	0.00
22 M	cis-1,2-Dichloroethene	2.763	2.585	6.4	94	0.00
23 M	tert-Butyl Alcohol	0.451	0.433	4.0	98	-0.02
24 M	Methyl tert-Butyl Ether	7.438	6.824	8.3	93	0.00
25 M	Chloroform	4.400	4.103	6.8	92	0.00
26	Cyclohexane	4.205	3.965	5.7	94	0.00
27 s	1,2-Dichloroethane-d4	2.914	2.786	4.4	93	0.00
28 I	1,4-Difluorobenzene	1.000	1.000	0.0	93	0.00
29	1,1-Dichloropropene	0.552	0.541	2.0	94	0.00
30 M	2-Butanone	0.319	0.326	-2.2	98	0.00
31	2,2-Dichloropropane	0.624	0.592	5.1	94	0.00
32 M	1,1,1-Trichloroethane	0.669	0.651	2.7	94	0.00
33 M	Carbon Tetrachloride	0.564	0.550	2.5	94	0.00
34 M	Benzene	1.731	1.685	2.7	93	0.00
35	Methacrylonitrile	0.341	0.340	0.3	95	0.00
36 M	1,2-Dichloroethane	0.592	0.573	3.2	92	0.00
37 M	Trichloroethene	0.405	0.386	4.7	90	0.00
38	Methylcyclohexane	0.741	0.737	0.5	98	0.00
39 M	1,2-Dichloropropane	0.430	0.430	0.0	95	0.00
40	Dibromomethane	0.309	0.302	2.3	94	0.00
41 M	Bromodichloromethane	0.614	0.589	4.1	93	0.00
42 M	Vinyl Acetate	1.237	1.200	3.0	94	0.00
43	Ethyl Acetate	0.598	0.615	-2.8	99	0.00
44	Isopropyl Acetate	0.984	0.957	2.7	97	0.00
45 T	1,4-Dioxane	0.010	0.011	-10.0	97	0.00
46	Methyl methacrylate	0.482	0.480	0.4	98	0.00
47	n-amyl Acetate	0.854	0.841	1.5	98	0.00
48 M	t-1,3-Dichloropropene	0.591	0.521	11.8	92	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	0.670	0.624	6.9	92	0.00
50 M	1,1,2-Trichloroethane	0.403	0.394	2.2	91	0.00
51	Ethyl methacrylate	0.633	0.604	4.6	96	0.00
52	1,3-Dichloropropane	0.706	0.700	0.8	93	0.00
53 M	Dibromochloromethane	0.445	0.420	5.6	90	0.00
54 M	1,2-Dibromoethane	0.409	0.401	2.0	93	0.00
55 M	2-Chloroethyl vinyl ether	0.325	0.294	9.5	87	0.00
56 M	Bromoform	0.279	0.271	2.9	98	0.00
57 I	Chlorobenzene-d5	1.000	1.000	0.0	95	0.00
58 M	4-Methyl-2-Pentanone	0.682	0.706	-3.5	99	0.00
59 M	2-Hexanone	0.493	0.514	-4.3	100	0.00
60 S	4-Bromofluorobenzene	0.561	0.547	2.5	93	0.00
61 M	Tetrachloroethene	0.369	0.367	0.5	95	0.00
62 M	Toluene	1.987	1.919	3.4	93	0.00
63 S	Toluene-d8	1.660	1.635	1.5	93	0.00
64 M	Chlorobenzene	1.231	1.184	3.8	93	0.00
65	1,1,1,2-Tetrachloroethane	0.406	0.386	4.9	93	0.00
66 M	Ethyl Benzene	2.176	2.088	4.0	95	0.00
67 M	m/p-Xylenes	0.811	0.799	1.5	93	0.00
68 M	o-Xylene	0.795	0.781	1.8	93	0.00
69 M	Styrene	1.328	1.283	3.4	93	0.00
70	Isopropylbenzene	2.053	2.018	1.7	94	0.00
71 M	1,1,2,2-Tetrachloroethane	0.675	0.692	-2.5	99	0.00
72	1,2,3-Trichloropropane	0.555	0.554	0.2	97	0.00
73	Bromobenzene	0.473	0.460	2.7	94	0.00
74	n-propylbenzene	2.443	2.347	3.9	93	0.00
75	2-Chlorotoluene	1.477	1.424	3.6	92	0.00
76	1,3,5-Trimethylbenzene	1.693	1.660	1.9	93	0.00
77	t-1,4-Dichloro-2-butene	0.187	0.152	18.7	90	0.00
78	4-Chlorotoluene	1.646	1.561	5.2	92	0.00
79	tert-butylbenzene	1.706	1.690	0.9	94	0.00
80	1,2,4-Trimethylbenzene	1.696	1.648	2.8	92	0.00
81	sec-Butylbenzene	2.141	2.111	1.4	95	0.00
82	p-Isopropyltoluene	1.735	1.732	0.2	96	0.00
83 M	1,3-Dichlorobenzene	0.879	0.855	2.7	93	0.00
84 M	1,4-Dichlorobenzene	0.867	0.827	4.6	92	0.00
85	n-Butylbenzene	1.584	1.506	4.9	95	0.00
86 T	Hexachloroethane	0.306	0.284	7.2	96	0.00
87 M	1,2-Dichlorobenzene	0.863	0.883	-2.3	97	0.00
88	1,2-Dibromo-3-Chloropropane	0.131	0.124	5.3	97	0.00
89	1,2,4-Trichlorobenzene	0.523	0.493	5.7	96	0.00
90	Hexachlorobutadiene	0.213	0.215	-0.9	97	0.00
91 M	Naphthalene	1.843	1.793	2.7	96	0.00
92	1,2,3-Trichlorobenzene	0.538	0.511	5.0	93	0.00

(#) = Out of Range

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