

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX012325\
 Data File : VX044709.D
 Acq On : 23 Jan 2025 15:45
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC020

Quant Time: Jan 24 03:16:52 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	87	0.00
2 M	Dichlorodifluoromethane	2.667	2.552	4.3	84	0.00
3 M	Chloromethane	2.806	2.981	-6.2	90	0.00
4 M	Vinyl Chloride	2.745	2.963	-7.9	94	0.00
5 M	Bromomethane	0.663	0.660	0.5	89	0.00
6 M	Chloroethane	0.435	0.586	-34.7#	119	0.00
7 M	Trichlorofluoromethane	3.006	3.009	-0.1	89	0.00
8 T	Diethyl Ether	1.160	0.991	14.6	75	0.00
9	1,1,2-Trichlorotrifluoroeth	2.154	2.308	-7.1	96	0.00
10 M	1,1-Dichloroethene	2.216	2.316	-4.5	93	0.00
11	Methyl Iodide	3.071	2.730	11.1	76	0.00
12	Methyl Acetate	3.235	3.111	3.8	87	0.00
13 M	Acrolein	0.358	0.503	-40.5#	149	0.00
14 M	Acrylonitrile	1.179	1.178	0.1	86	0.00
15 M	Acetone	0.316	0.295	6.6	83	0.00
16 M	Carbon Disulfide	6.158	6.390	-3.8	92	0.00
17	Allyl chloride	3.996	4.180	-4.6	90	0.00
18 M	Methylene Chloride	2.480	2.547	-2.7	88	0.00
19 M	trans-1,2-Dichloroethene	2.203	2.325	-5.5	92	0.00
20 T	Diisopropyl ether	7.253	7.881	-8.7	92	0.00
21 M	1,1-Dichloroethane	4.303	4.468	-3.8	90	0.00
22 M	cis-1,2-Dichloroethene	2.727	2.771	-1.6	86	0.00
23 M	tert-Butyl Alcohol	0.570	0.512	10.2	77	-0.01
24 M	Methyl tert-Butyl Ether	7.678	7.511	2.2	84	0.00
25 M	Chloroform	4.275	4.355	-1.9	87	0.00
26	Cyclohexane	3.616	4.093	-13.2	100	0.00
27 s	1,2-Dichloroethane-d4	2.896	2.593	10.5	79	0.00
28 I	1,4-Difluorobenzene	1.000	1.000	0.0	89	0.00
29	1,1-Dichloropropene	0.522	0.540	-3.4	92	0.00
30 M	2-Butanone	0.287	0.270	5.9	82	0.00
31	2,2-Dichloropropane	0.722	0.673	6.8	82	0.00
32 M	1,1,1-Trichloroethane	0.692	0.667	3.6	84	0.00
33 M	Carbon Tetrachloride	0.583	0.560	3.9	85	0.00
34 M	Benzene	1.665	1.758	-5.6	91	0.00
35	Methacrylonitrile	0.320	0.303	5.3	83	-0.01
36 M	1,2-Dichloroethane	0.595	0.554	6.9	80	0.00
37 M	Trichloroethene	0.402	0.409	-1.7	90	0.00
38	Methylcyclohexane	0.709	0.743	-4.8	95	0.00
39 M	1,2-Dichloropropane	0.415	0.434	-4.6	90	0.00
40	Dibromomethane	0.309	0.294	4.9	83	0.00
41 M	Bromodichloromethane	0.637	0.608	4.6	83	0.00
42 M	Vinyl Acetate	1.138	1.165	-2.4	87	0.00
43	Ethyl Acetate	0.562	0.542	3.6	81	-0.01
44	Isopropyl Acetate	1.010	0.958	5.1	82	0.00
45 T	1,4-Dioxane	0.010	0.009	10.0	76	0.00
46	Methyl methacrylate	0.494	0.456	7.7	80	0.00
47	n-amyl Acetate	0.848	0.826	2.6	81	0.00
48 M	t-1,3-Dichloropropene	0.673	0.648	3.7	83	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	0.721	0.712	1.2	85	0.00
50 M	1,1,2-Trichloroethane	0.397	0.412	-3.8	88	0.00
51	Ethyl methacrylate	0.691	0.689	0.3	85	0.00
52	1,3-Dichloropropane	0.687	0.707	-2.9	88	0.00
53 M	Dibromochloromethane	0.475	0.465	2.1	82	0.00
54 M	1,2-Dibromoethane	0.420	0.417	0.7	84	0.00
55 M	2-Chloroethyl vinyl ether	0.335	0.320	4.5	81	0.00
56 M	Bromoform	0.315	0.292	7.3	80	0.00
57 I	Chlorobenzene-d5	1.000	1.000	0.0	87	0.00
58 M	4-Methyl-2-Pentanone	0.632	0.615	2.7	83	0.00
59 M	2-Hexanone	0.463	0.444	4.1	82	0.00
60 S	4-Bromofluorobenzene	0.583	0.567	2.7	86	0.00
61 M	Tetrachloroethene	0.360	0.370	-2.8	92	0.00
62 M	Toluene	1.975	2.048	-3.7	91	0.00
63 S	Toluene-d8	1.632	1.649	-1.0	89	0.00
64 M	Chlorobenzene	1.227	1.284	-4.6	91	0.00
65	1,1,1,2-Tetrachloroethane	0.441	0.435	1.4	85	0.00
66 M	Ethyl Benzene	2.156	2.239	-3.8	90	0.00
67 M	m/p-Xylenes	0.792	0.847	-6.9	91	0.00
68 M	o-Xylene	0.795	0.837	-5.3	89	0.00
69 M	Styrene	1.306	1.379	-5.6	89	0.00
70	Isopropylbenzene	1.999	2.144	-7.3	92	0.00
71 M	1,1,2,2-Tetrachloroethane	0.672	0.674	-0.3	86	0.00
72	1,2,3-Trichloropropane	0.565	0.557	1.4	84	0.00
73	Bromobenzene	0.466	0.485	-4.1	89	0.00
74	n-propylbenzene	2.271	2.488	-9.6	94	0.00
75	2-Chlorotoluene	1.428	1.524	-6.7	91	0.00
76	1,3,5-Trimethylbenzene	1.624	1.762	-8.5	92	0.00
77	t-1,4-Dichloro-2-butene	0.268	0.236	11.9	77	0.00
78	4-Chlorotoluene	1.573	1.677	-6.6	91	0.00
79	tert-butylbenzene	1.668	1.791	-7.4	91	0.00
80	1,2,4-Trimethylbenzene	1.638	1.768	-7.9	92	0.00
81	sec-Butylbenzene	1.992	2.194	-10.1	94	0.00
82	p-Isopropyltoluene	1.639	1.786	-9.0	93	0.00
83 M	1,3-Dichlorobenzene	0.827	0.875	-5.8	91	0.00
84 M	1,4-Dichlorobenzene	0.811	0.867	-6.9	91	0.00
85	n-Butylbenzene	1.421	1.559	-9.7	96	0.00
86 T	Hexachloroethane	0.361	0.357	1.1	87	0.00
87 M	1,2-Dichlorobenzene	0.826	0.865	-4.7	89	0.00
88	1,2-Dibromo-3-Chloropropane	0.162	0.130	19.8	72	0.00
89	1,2,4-Trichlorobenzene	0.513	0.526	-2.5	93	0.00
90	Hexachlorobutadiene	0.199	0.207	-4.0	91	0.00
91 M	Naphthalene	1.921	1.887	1.8	85	0.00
92	1,2,3-Trichlorobenzene	0.522	0.533	-2.1	89	0.00

(#) = Out of Range

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