

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX011625\
 Data File : VX044673.D
 Acq On : 16 Jan 2025 16:04
 Operator :
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC020

Quant Time: Jan 17 01:32:17 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	95	0.00
2 M	Dichlorodifluoromethane	2.667	2.595	2.7	93	0.00
3 M	Chloromethane	2.806	2.762	1.6	91	0.00
4 M	Vinyl Chloride	2.745	2.487	9.4	86	0.00
5 M	Bromomethane	0.663	0.553	16.6	81	0.00
6 M	Chloroethane	0.435	0.397	8.7	87	0.00
7 M	Trichlorofluoromethane	3.006	2.893	3.8	93	0.00
8 T	Diethyl Ether	1.160	0.853	26.5#	70	0.00
9	1,1,2-Trichlorotrifluoroeth	2.154	2.129	1.2	97	0.00
10 M	1,1-Dichloroethene	2.216	2.032	8.3	89	0.00
11	Methyl Iodide	3.071	2.463	19.8	75	0.00
12	Methyl Acetate	3.235	3.125	3.4	94	0.00
13 M	Acrolein	0.358	0.251	29.9#	81	0.00
14 M	Acrylonitrile	1.179	1.165	1.2	93	0.00
15 M	Acetone	0.316	0.306	3.2	94	0.00
16 M	Carbon Disulfide	6.158	5.829	5.3	91	0.00
17	Allyl chloride	3.996	3.861	3.4	91	0.00
18 M	Methylene Chloride	2.480	2.408	2.9	90	0.00
19 M	trans-1,2-Dichloroethene	2.203	2.117	3.9	91	0.00
20 T	Diisopropyl ether	7.253	7.152	1.4	91	0.00
21 M	1,1-Dichloroethane	4.303	4.034	6.3	88	0.00
22 M	cis-1,2-Dichloroethene	2.727	2.579	5.4	87	0.00
23 M	tert-Butyl Alcohol	0.570	0.597	-4.7	97	0.00
24 M	Methyl tert-Butyl Ether	7.678	7.436	3.2	90	0.00
25 M	Chloroform	4.275	4.076	4.7	89	-0.01
26	Cyclohexane	3.616	3.565	1.4	94	0.00
27 s	1,2-Dichloroethane-d4	2.896	2.750	5.0	91	0.00
28 I	1,4-Difluorobenzene	1.000	1.000	0.0	91	0.00
29	1,1-Dichloropropene	0.522	0.510	2.3	89	0.00
30 M	2-Butanone	0.287	0.299	-4.2	92	0.00
31	2,2-Dichloropropane	0.722	0.716	0.8	90	-0.01
32 M	1,1,1-Trichloroethane	0.692	0.680	1.7	88	0.00
33 M	Carbon Tetrachloride	0.583	0.572	1.9	89	0.00
34 M	Benzene	1.665	1.669	-0.2	88	0.00
35	Methacrylonitrile	0.320	0.325	-1.6	92	-0.02
36 M	1,2-Dichloroethane	0.595	0.584	1.8	86	0.00
37 M	Trichloroethene	0.402	0.391	2.7	88	0.00
38	Methylcyclohexane	0.709	0.736	-3.8	97	0.00
39 M	1,2-Dichloropropane	0.415	0.411	1.0	88	0.00
40	Dibromomethane	0.309	0.305	1.3	88	0.00
41 M	Bromodichloromethane	0.637	0.618	3.0	86	0.00
42 M	Vinyl Acetate	1.138	1.199	-5.4	92	0.00
43	Ethyl Acetate	0.562	0.608	-8.2	94	0.00
44	Isopropyl Acetate	1.010	1.031	-2.1	90	0.00
45 T	1,4-Dioxane	0.010	0.009	10.0	80	-0.01
46	Methyl methacrylate	0.494	0.498	-0.8	89	0.00
47	n-amyl Acetate	0.848	0.911	-7.4	92	0.00
48 M	t-1,3-Dichloropropene	0.673	0.668	0.7	88	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	0.721	0.716	0.7	87	0.00
50 M	1,1,2-Trichloroethane	0.397	0.411	-3.5	90	0.00
51	Ethyl methacrylate	0.691	0.726	-5.1	92	0.00
52	1,3-Dichloropropane	0.687	0.705	-2.6	89	0.00
53 M	Dibromochloromethane	0.475	0.470	1.1	85	0.00
54 M	1,2-Dibromoethane	0.420	0.428	-1.9	89	0.00
55 M	2-Chloroethyl vinyl ether	0.335	0.350	-4.5	91	0.00
56 M	Bromoform	0.315	0.321	-1.9	90	0.00
57 I	Chlorobenzene-d5	1.000	1.000	0.0	91	0.00
58 M	4-Methyl-2-Pentanone	0.632	0.662	-4.7	93	0.00
59 M	2-Hexanone	0.463	0.488	-5.4	94	0.00
60 S	4-Bromofluorobenzene	0.583	0.597	-2.4	94	0.00
61 M	Tetrachloroethene	0.360	0.354	1.7	92	0.00
62 M	Toluene	1.975	1.944	1.6	90	0.00
63 S	Toluene-d8	1.632	1.627	0.3	92	0.00
64 M	Chlorobenzene	1.227	1.209	1.5	90	0.00
65	1,1,1,2-Tetrachloroethane	0.441	0.432	2.0	89	0.00
66 M	Ethyl Benzene	2.156	2.134	1.0	89	0.00
67 M	m/p-Xylenes	0.792	0.804	-1.5	90	0.00
68 M	o-Xylene	0.795	0.802	-0.9	89	0.00
69 M	Styrene	1.306	1.320	-1.1	89	0.00
70	Isopropylbenzene	1.999	2.014	-0.8	90	0.00
71 M	1,1,2,2-Tetrachloroethane	0.672	0.700	-4.2	93	0.00
72	1,2,3-Trichloropropane	0.565	0.601	-6.4	94	0.00
73	Bromobenzene	0.466	0.461	1.1	88	0.00
74	n-propylbenzene	2.271	2.314	-1.9	91	0.00
75	2-Chlorotoluene	1.428	1.464	-2.5	91	0.00
76	1,3,5-Trimethylbenzene	1.624	1.676	-3.2	91	0.00
77	t-1,4-Dichloro-2-butene	0.268	0.259	3.4	89	0.00
78	4-Chlorotoluene	1.573	1.592	-1.2	90	0.00
79	tert-butylbenzene	1.668	1.724	-3.4	91	0.00
80	1,2,4-Trimethylbenzene	1.638	1.687	-3.0	91	0.00
81	sec-Butylbenzene	1.992	2.061	-3.5	92	0.00
82	p-Isopropyltoluene	1.639	1.695	-3.4	92	0.00
83 M	1,3-Dichlorobenzene	0.827	0.834	-0.8	90	0.00
84 M	1,4-Dichlorobenzene	0.811	0.839	-3.5	92	0.00
85	n-Butylbenzene	1.421	1.482	-4.3	95	0.00
86 T	Hexachloroethane	0.361	0.354	1.9	90	0.00
87 M	1,2-Dichlorobenzene	0.826	0.847	-2.5	91	0.00
88	1,2-Dibromo-3-Chloropropane	0.162	0.152	6.2	87	0.00
89	1,2,4-Trichlorobenzene	0.513	0.505	1.6	93	0.00
90	Hexachlorobutadiene	0.199	0.193	3.0	89	0.00
91 M	Naphthalene	1.921	1.967	-2.4	93	0.00
92	1,2,3-Trichlorobenzene	0.522	0.518	0.8	90	0.00

(#) = Out of Range

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