

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022425\
 Data File : VX045027.D
 Acq On : 24 Feb 2025 16:40
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC020

Quant Time: Feb 25 00:31:34 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	104	0.00
2 M	Dichlorodifluoromethane	2.529	2.508	0.8	106	0.00
3 M	Chloromethane	3.029	2.840	6.2	99	0.01
4 M	Vinyl Chloride	2.923	2.782	4.8	103	0.00
5 M	Bromomethane	1.017	0.974	4.2	104	0.00
6 M	Chloroethane	1.583	1.406	11.2	88	0.00
7 M	Trichlorofluoromethane	3.928	3.936	-0.2	111	0.00
8 T	Diethyl Ether	1.486	1.405	5.5	103	0.00
9	1,1,2-Trichlorotrifluoroeth	2.333	2.271	2.7	108	0.00
10 M	1,1-Dichloroethene	2.279	2.189	3.9	107	0.00
11	Methyl Iodide	2.579	2.213	14.2	106	0.00
12	Methyl Acetate	2.646	2.993	-13.1	127	0.00
13 M	Acrolein	0.530	0.612	-15.5	135	0.00
14 M	Acrylonitrile	1.293	1.404	-8.6	118	0.00
15 M	Acetone	0.355	0.376	-5.9	112	0.00
16 M	Carbon Disulfide	6.464	6.022	6.8	105	0.00
17	Allyl chloride	4.262	4.163	2.3	110	0.00
18 M	Methylene Chloride	2.563	2.520	1.7	106	0.00
19 M	trans-1,2-Dichloroethene	2.306	2.195	4.8	105	0.00
20 T	Diisopropyl ether	8.191	7.760	5.3	104	0.00
21 M	1,1-Dichloroethane	4.555	4.433	2.7	107	0.00
22 M	cis-1,2-Dichloroethene	2.763	2.609	5.6	104	0.00
23 M	tert-Butyl Alcohol	0.451	0.508	-12.6	125	-0.02
24 M	Methyl tert-Butyl Ether	7.438	7.132	4.1	106	0.00
25 M	Chloroform	4.400	4.279	2.8	105	0.00
26	Cyclohexane	4.205	3.984	5.3	103	0.00
27 s	1,2-Dichloroethane-d4	2.914	2.972	-2.0	108	0.00
28 I	1,4-Difluorobenzene	1.000	1.000	0.0	106	0.00
29	1,1-Dichloropropene	0.552	0.528	4.3	104	0.00
30 M	2-Butanone	0.319	0.354	-11.0	121	0.00
31	2,2-Dichloropropane	0.624	0.582	6.7	105	0.00
32 M	1,1,1-Trichloroethane	0.669	0.654	2.2	107	0.00
33 M	Carbon Tetrachloride	0.564	0.553	2.0	107	0.00
34 M	Benzene	1.731	1.702	1.7	106	0.00
35	Methacrylonitrile	0.341	0.369	-8.2	117	0.00
36 M	1,2-Dichloroethane	0.592	0.574	3.0	105	0.00
37 M	Trichloroethene	0.405	0.395	2.5	104	0.00
38	Methylcyclohexane	0.741	0.707	4.6	107	0.00
39 M	1,2-Dichloropropane	0.430	0.411	4.4	102	0.00
40	Dibromomethane	0.309	0.300	2.9	105	0.00
41 M	Bromodichloromethane	0.614	0.590	3.9	105	0.00
42 M	Vinyl Acetate	1.237	1.209	2.3	107	0.00
43	Ethyl Acetate	0.598	0.605	-1.2	110	0.00
44	Isopropyl Acetate	0.984	1.015	-3.2	117	0.00
45 T	1,4-Dioxane	0.010	0.012	-20.0	121	0.00
46	Methyl methacrylate	0.482	0.487	-1.0	113	0.00
47	n-amyl Acetate	0.854	0.854	0.0	112	0.00
48 M	t-1,3-Dichloropropene	0.591	0.556	5.9	111	0.00

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 LabSampleId :
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Quant Time: Feb 25 00:31:34 2025
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 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
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 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)
49 T	cis-1,3-Dichloropropene	0.670	0.639	4.6	106	0.00
50 M	1,1,2-Trichloroethane	0.403	0.411	-2.0	108	0.00
51	Ethyl methacrylate	0.633	0.605	4.4	109	0.00
52	1,3-Dichloropropane	0.706	0.696	1.4	104	0.00
53 M	Dibromochloromethane	0.445	0.446	-0.2	108	0.00
54 M	1,2-Dibromoethane	0.409	0.417	-2.0	110	0.00
55 M	2-Chloroethyl vinyl ether	0.325	0.326	-0.3	110	0.00
56 M	Bromoform	0.279	0.284	-1.8	117	0.00
57 I	Chlorobenzene-d5	1.000	1.000	0.0	107	0.00
58 M	4-Methyl-2-Pentanone	0.682	0.744	-9.1	117	0.00
59 M	2-Hexanone	0.493	0.541	-9.7	119	0.00
60 S	4-Bromofluorobenzene	0.561	0.556	0.9	107	0.00
61 M	Tetrachloroethene	0.369	0.361	2.2	105	0.00
62 M	Toluene	1.987	1.925	3.1	106	0.00
63 S	Toluene-d8	1.660	1.630	1.8	105	0.00
64 M	Chlorobenzene	1.231	1.198	2.7	106	0.00
65	1,1,1,2-Tetrachloroethane	0.406	0.382	5.9	104	0.00
66 M	Ethyl Benzene	2.176	2.042	6.2	104	0.00
67 M	m/p-Xylenes	0.811	0.781	3.7	103	0.00
68 M	o-Xylene	0.795	0.774	2.6	104	0.00
69 M	Styrene	1.328	1.283	3.4	104	0.00
70	Isopropylbenzene	2.053	1.984	3.4	104	0.00
71 M	1,1,2,2-Tetrachloroethane	0.675	0.694	-2.8	112	0.00
72	1,2,3-Trichloropropane	0.555	0.579	-4.3	115	0.00
73	Bromobenzene	0.473	0.466	1.5	107	0.00
74	n-propylbenzene	2.443	2.368	3.1	106	0.00
75	2-Chlorotoluene	1.477	1.450	1.8	106	0.00
76	1,3,5-Trimethylbenzene	1.693	1.672	1.2	106	0.00
77	t-1,4-Dichloro-2-butene	0.187	0.175	6.4	117	0.00
78	4-Chlorotoluene	1.646	1.601	2.7	106	0.00
79	tert-butylbenzene	1.706	1.692	0.8	107	0.00
80	1,2,4-Trimethylbenzene	1.696	1.649	2.8	104	0.00
81	sec-Butylbenzene	2.141	2.130	0.5	108	0.00
82	p-Isopropyltoluene	1.735	1.728	0.4	108	0.00
83 M	1,3-Dichlorobenzene	0.879	0.855	2.7	105	0.00
84 M	1,4-Dichlorobenzene	0.867	0.862	0.6	108	0.00
85	n-Butylbenzene	1.584	1.508	4.8	107	0.00
86 T	Hexachloroethane	0.306	0.298	2.6	113	0.00
87 M	1,2-Dichlorobenzene	0.863	0.869	-0.7	107	0.00
88	1,2-Dibromo-3-Chloropropane	0.131	0.131	0.0	116	0.00
89	1,2,4-Trichlorobenzene	0.523	0.495	5.4	108	0.00
90	Hexachlorobutadiene	0.213	0.205	3.8	105	0.00
91 M	Naphthalene	1.843	1.809	1.8	109	0.00
92	1,2,3-Trichlorobenzene	0.538	0.502	6.7	103	0.00

(#) = Out of Range

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