

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX030425\
 Data File : VX045119.D
 Acq On : 04 Mar 2025 08:46
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC020

Quant Time: Mar 05 00:42:59 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	93	0.00
2 M	Dichlorodifluoromethane	2.529	2.462	2.6	92	0.00
3 M	Chloromethane	3.029	2.998	1.0	93	0.00
4 M	Vinyl Chloride	2.923	2.622	10.3	86	0.00
5 M	Bromomethane	1.017	1.108	-8.9	106	0.00
6 M	Chloroethane	1.583	1.518	4.1	85	0.00
7 M	Trichlorofluoromethane	3.928	3.772	4.0	95	0.00
8 T	Diethyl Ether	1.486	1.385	6.8	90	0.00
9	1,1,2-Trichlorotrifluoroeth	2.333	2.309	1.0	98	0.00
10 M	1,1-Dichloroethene	2.279	2.242	1.6	97	0.00
11	Methyl Iodide	2.579	2.388	7.4	102	0.00
12	Methyl Acetate	2.646	3.017	-14.0	114	0.00
13 M	Acrolein	0.530	0.559	-5.5	110	0.00
14 M	Acrylonitrile	1.293	1.281	0.9	96	0.00
15 M	Acetone	0.355	0.379	-6.8	100	0.00
16 M	Carbon Disulfide	6.464	5.653	12.5	88	0.00
17	Allyl chloride	4.262	4.016	5.8	95	0.00
18 M	Methylene Chloride	2.563	2.540	0.9	95	0.00
19 M	trans-1,2-Dichloroethene	2.306	2.177	5.6	93	0.00
20 T	Diisopropyl ether	8.191	7.784	5.0	93	0.00
21 M	1,1-Dichloroethane	4.555	4.331	4.9	93	0.00
22 M	cis-1,2-Dichloroethene	2.763	2.607	5.6	92	0.00
23 M	tert-Butyl Alcohol	0.451	0.419	7.1	92	-0.02
24 M	Methyl tert-Butyl Ether	7.438	6.957	6.5	92	0.00
25 M	Chloroform	4.400	4.284	2.6	94	0.00
26	Cyclohexane	4.205	3.920	6.8	90	0.00
27 s	1,2-Dichloroethane-d4	2.914	2.808	3.6	91	0.00
28 I	1,4-Difluorobenzene	1.000	1.000	0.0	86	0.00
29	1,1-Dichloropropene	0.552	0.577	-4.5	93	0.00
30 M	2-Butanone	0.319	0.356	-11.6	99	0.00
31	2,2-Dichloropropane	0.624	0.620	0.6	91	0.00
32 M	1,1,1-Trichloroethane	0.669	0.702	-4.9	94	0.00
33 M	Carbon Tetrachloride	0.564	0.606	-7.4	95	0.00
34 M	Benzene	1.731	1.805	-4.3	92	0.00
35	Methacrylonitrile	0.341	0.369	-8.2	96	0.00
36 M	1,2-Dichloroethane	0.592	0.648	-9.5	96	0.00
37 M	Trichloroethene	0.405	0.420	-3.7	91	0.00
38	Methylcyclohexane	0.741	0.764	-3.1	94	0.00
39 M	1,2-Dichloropropane	0.430	0.446	-3.7	91	0.00
40	Dibromomethane	0.309	0.331	-7.1	95	0.00
41 M	Bromodichloromethane	0.614	0.656	-6.8	95	0.00
42 M	Vinyl Acetate	1.237	1.237	0.0	90	0.00
43	Ethyl Acetate	0.598	0.621	-3.8	93	0.00
44	Isopropyl Acetate	0.984	1.008	-2.4	95	0.00
45 T	1,4-Dioxane	0.010	0.011	-10.0	87	0.00
46	Methyl methacrylate	0.482	0.516	-7.1	97	0.00
47	n-amyl Acetate	0.854	0.872	-2.1	94	0.00
48 M	t-1,3-Dichloropropene	0.591	0.568	3.9	92	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX030425\
 Data File : VX045119.D
 Acq On : 04 Mar 2025 08:46
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC020

Quant Time: Mar 05 00:42:59 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)
49 T	cis-1,3-Dichloropropene	0.670	0.675	-0.7	92	0.00
50 M	1,1,2-Trichloroethane	0.403	0.436	-8.2	93	0.00
51	Ethyl methacrylate	0.633	0.643	-1.6	95	0.00
52	1,3-Dichloropropane	0.706	0.763	-8.1	93	0.00
53 M	Dibromochloromethane	0.445	0.474	-6.5	94	0.00
54 M	1,2-Dibromoethane	0.409	0.440	-7.6	95	0.00
55 M	2-Chloroethyl vinyl ether	0.325	0.331	-1.8	91	0.00
56 M	Bromoform	0.279	0.295	-5.7	99	0.00
57 I	Chlorobenzene-d5	1.000	1.000	0.0	90	0.00
58 M	4-Methyl-2-Pentanone	0.682	0.745	-9.2	98	0.00
59 M	2-Hexanone	0.493	0.539	-9.3	99	0.00
60 S	4-Bromofluorobenzene	0.561	0.561	0.0	90	0.00
61 M	Tetrachloroethene	0.369	0.393	-6.5	96	0.00
62 M	Toluene	1.987	2.055	-3.4	95	0.00
63 S	Toluene-d8	1.660	1.641	1.1	88	0.00
64 M	Chlorobenzene	1.231	1.270	-3.2	94	0.00
65	1,1,1,2-Tetrachloroethane	0.406	0.418	-3.0	95	0.00
66 M	Ethyl Benzene	2.176	2.230	-2.5	95	0.00
67 M	m/p-Xylenes	0.811	0.845	-4.2	93	0.00
68 M	o-Xylene	0.795	0.829	-4.3	93	0.00
69 M	Styrene	1.328	1.397	-5.2	95	0.00
70	Isopropylbenzene	2.053	2.138	-4.1	94	0.00
71 M	1,1,2,2-Tetrachloroethane	0.675	0.729	-8.0	99	0.00
72	1,2,3-Trichloropropane	0.555	0.582	-4.9	97	0.00
73	Bromobenzene	0.473	0.507	-7.2	97	0.00
74	n-propylbenzene	2.443	2.526	-3.4	95	0.00
75	2-Chlorotoluene	1.477	1.554	-5.2	95	0.00
76	1,3,5-Trimethylbenzene	1.693	1.777	-5.0	94	0.00
77	t-1,4-Dichloro-2-butene	0.187	0.176	5.9	99	0.00
78	4-Chlorotoluene	1.646	1.704	-3.5	95	0.00
79	tert-butylbenzene	1.706	1.814	-6.3	96	0.00
80	1,2,4-Trimethylbenzene	1.696	1.794	-5.8	94	0.00
81	sec-Butylbenzene	2.141	2.255	-5.3	96	0.00
82	p-Isopropyltoluene	1.735	1.852	-6.7	97	0.00
83 M	1,3-Dichlorobenzene	0.879	0.934	-6.3	96	0.00
84 M	1,4-Dichlorobenzene	0.867	0.909	-4.8	96	0.00
85	n-Butylbenzene	1.584	1.627	-2.7	97	0.00
86 T	Hexachloroethane	0.306	0.316	-3.3	101	0.00
87 M	1,2-Dichlorobenzene	0.863	0.934	-8.2	97	0.00
88	1,2-Dibromo-3-Chloropropane	0.131	0.133	-1.5	99	0.00
89	1,2,4-Trichlorobenzene	0.523	0.529	-1.1	97	0.00
90	Hexachlorobutadiene	0.213	0.229	-7.5	98	0.00
91 M	Naphthalene	1.843	1.891	-2.6	96	0.00
92	1,2,3-Trichlorobenzene	0.538	0.540	-0.4	93	0.00

(#) = Out of Range

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