

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022125\
 Data File : VX045014.D
 Acq On : 21 Feb 2025 13:09
 Operator : JC/MD
 Sample : VSTDICV020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ICSVX022125

Quant Time: Feb 22 01:12:33 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	97	0.00
2 M	Dichlorodifluoromethane	2.529	2.305	8.9	90	0.00
3 M	Chloromethane	3.029	2.707	10.6	88	0.00
4 M	Vinyl Chloride	2.923	2.543	13.0	87	0.00
5 M	Bromomethane	1.017	0.992	2.5	98	0.00
6 M	Chloroethane	1.583	1.635	-3.3	95	0.00
7 M	Trichlorofluoromethane	3.928	3.495	11.0	91	0.00
8 T	Diethyl Ether	1.486	1.279	13.9	86	0.00
9	1,1,2-Trichlorotrifluoroeth	2.333	2.106	9.7	93	0.00
10 M	1,1-Dichloroethene	2.279	2.061	9.6	93	0.00
11	Methyl Iodide	2.579	2.041	20.9	91	0.00
12	Methyl Acetate	2.646	2.405	9.1	94	0.00
13 M	Acrolein	0.530	0.505	4.7	103	0.00
14 M	Acrylonitrile	1.293	1.160	10.3	90	0.00
15 M	Acetone	0.355	0.386	-8.7	106	0.00
16 M	Carbon Disulfide	6.464	5.784	10.5	93	0.00
17	Allyl chloride	4.262	3.796	10.9	93	0.00
18 M	Methylene Chloride	2.563	2.258	11.9	88	0.00
19 M	trans-1,2-Dichloroethene	2.306	2.055	10.9	91	0.00
20 T	Diisopropyl ether	8.191	7.311	10.7	91	0.00
21 M	1,1-Dichloroethane	4.555	4.030	11.5	90	0.00
22 M	cis-1,2-Dichloroethene	2.763	2.445	11.5	90	-0.01
23 M	tert-Butyl Alcohol	0.451	0.416	7.8	95	-0.02
24 M	Methyl tert-Butyl Ether	7.438	6.579	11.5	91	0.00
25 M	Chloroform	4.400	3.947	10.3	90	-0.01
26	Cyclohexane	4.205	3.761	10.6	90	0.00
27 s	1,2-Dichloroethane-d4	2.914	2.888	0.9	97	0.00
28 I	1,4-Difluorobenzene	1.000	1.000	0.0	98	0.00
29	1,1-Dichloropropene	0.552	0.496	10.1	90	-0.01
30 M	2-Butanone	0.319	0.307	3.8	97	0.00
31	2,2-Dichloropropane	0.624	0.565	9.5	94	0.00
32 M	1,1,1-Trichloroethane	0.669	0.600	10.3	91	0.00
33 M	Carbon Tetrachloride	0.564	0.510	9.6	91	0.00
34 M	Benzene	1.731	1.559	9.9	90	0.00
35	Methacrylonitrile	0.341	0.313	8.2	92	0.00
36 M	1,2-Dichloroethane	0.592	0.543	8.3	91	0.00
37 M	Trichloroethene	0.405	0.363	10.4	89	0.00
38	Methylcyclohexane	0.741	0.681	8.1	95	0.00
39 M	1,2-Dichloropropane	0.430	0.374	13.0	86	0.00
40	Dibromomethane	0.309	0.278	10.0	90	0.00
41 M	Bromodichloromethane	0.614	0.541	11.9	89	0.00
42 M	Vinyl Acetate	1.237	1.113	10.0	91	0.00
43	Ethyl Acetate	0.598	0.510	14.7	86	0.00
44	Isopropyl Acetate	0.984	0.885	10.1	94	0.00
45 T	1,4-Dioxane	0.010	0.010	0.0	90	0.00
46	Methyl methacrylate	0.482	0.442	8.3	95	0.00
47	n-amyl Acetate	0.854	0.765	10.4	93	0.00
48 M	t-1,3-Dichloropropene	0.591	0.502	15.1	93	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022125\
 Data File : VX045014.D
 Acq On : 21 Feb 2025 13:09
 Operator : JC/MD
 Sample : VSTDICV020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX022125

Quant Time: Feb 22 01:12:33 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	0.586	12.5	90	0.00
50 M	1,1,2-Trichloroethane	0.403	0.372	7.7	90	0.00
51	Ethyl methacrylate	0.633	0.566	10.6	95	0.00
52	1,3-Dichloropropane	0.706	0.627	11.2	87	0.00
53 M	Dibromochloromethane	0.445	0.392	11.9	88	0.00
54 M	1,2-Dibromoethane	0.409	0.360	12.0	88	0.00
55 M	2-Chloroethyl vinyl ether	0.325	0.279	14.2	87	0.00
56 M	Bromoform	0.279	0.243	12.9	92	0.00
57 I	Chlorobenzene-d5	1.000	1.000	0.0	99	0.00
58 M	4-Methyl-2-Pentanone	0.682	0.636	6.7	92	0.00
59 M	2-Hexanone	0.493	0.471	4.5	95	0.00
60 S	4-Bromofluorobenzene	0.561	0.563	-0.4	99	0.00
61 M	Tetrachloroethene	0.369	0.331	10.3	89	0.00
62 M	Toluene	1.987	1.776	10.6	90	0.00
63 S	Toluene-d8	1.660	1.639	1.3	97	0.00
64 M	Chlorobenzene	1.231	1.105	10.2	90	0.00
65	1,1,1,2-Tetrachloroethane	0.406	0.353	13.1	88	0.00
66 M	Ethyl Benzene	2.176	1.971	9.4	93	0.00
67 M	m/p-Xylenes	0.811	0.734	9.5	89	0.00
68 M	o-Xylene	0.795	0.729	8.3	90	0.00
69 M	Styrene	1.328	1.188	10.5	89	0.00
70	Isopropylbenzene	2.053	1.859	9.4	90	0.00
71 M	1,1,2,2-Tetrachloroethane	0.675	0.619	8.3	92	0.00
72	1,2,3-Trichloropropane	0.555	0.504	9.2	92	0.00
73	Bromobenzene	0.473	0.430	9.1	91	0.00
74	n-propylbenzene	2.443	2.231	8.7	92	0.00
75	2-Chlorotoluene	1.477	1.340	9.3	90	0.00
76	1,3,5-Trimethylbenzene	1.693	1.578	6.8	92	0.00
77	t-1,4-Dichloro-2-butene	0.187	0.149	20.3	92	0.00
78	4-Chlorotoluene	1.646	1.492	9.4	91	0.00
79	tert-butylbenzene	1.706	1.571	7.9	91	0.00
80	1,2,4-Trimethylbenzene	1.696	1.562	7.9	90	0.00
81	sec-Butylbenzene	2.141	1.977	7.7	92	0.00
82	p-Isopropyltoluene	1.735	1.615	6.9	93	0.00
83 M	1,3-Dichlorobenzene	0.879	0.802	8.8	91	0.00
84 M	1,4-Dichlorobenzene	0.867	0.797	8.1	92	0.00
85	n-Butylbenzene	1.584	1.443	8.9	94	0.00
86 T	Hexachloroethane	0.306	0.265	13.4	93	0.00
87 M	1,2-Dichlorobenzene	0.863	0.798	7.5	91	0.00
88	1,2-Dibromo-3-Chloropropane	0.131	0.117	10.7	96	0.00
89	1,2,4-Trichlorobenzene	0.523	0.474	9.4	95	0.00
90	Hexachlorobutadiene	0.213	0.200	6.1	94	0.00
91 M	Naphthalene	1.843	1.684	8.6	93	0.00
92	1,2,3-Trichlorobenzene	0.538	0.466	13.4	88	0.00

(#) = Out of Range

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