

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX010825\
 Data File : VX044646.D
 Acq On : 09 Jan 2025 05:27
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC020

Quant Time: Jan 09 06:27:04 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X010825W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Jan 09 02:10:37 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	2.709	2.553	5.8	91	0.00
3 M	Chloromethane	2.719	2.528	7.0	91	0.00
4 M	Vinyl Chloride	2.561	2.334	8.9	91	0.00
5 M	Bromomethane	1.291	1.232	4.6	95	0.00
6 M	Chloroethane	1.433	1.560	-8.9	97	0.00
7 M	Trichlorofluoromethane	3.937	3.740	5.0	94	0.00
8 T	Diethyl Ether	1.513	1.407	7.0	94	0.00
9	1,1,2-Trichlorotrifluoroeth	2.115	2.233	-5.6	107	0.00
10 M	1,1-Dichloroethene	2.080	2.231	-7.3	111	0.00
11	Methyl Iodide	2.907	3.249	-11.8	112	0.00
12	Methyl Acetate	2.936	2.802	4.6	97	0.00
13 M	Acrolein	0.539	0.535	0.7	108	0.00
14 M	Acrylonitrile	1.103	1.058	4.1	97	0.00
15 M	Acetone	0.280	0.320	-14.3	112	0.00
16 M	Carbon Disulfide	4.560	4.465	2.1	112	0.00
17	Allyl chloride	3.586	3.373	5.9	98	0.00
18 M	Methylene Chloride	2.410	2.244	6.9	94	0.00
19 M	trans-1,2-Dichloroethene	2.129	1.914	10.1	92	0.00
20 T	Diisopropyl ether	7.535	6.921	8.1	93	0.00
21 M	1,1-Dichloroethane	4.247	3.905	8.1	94	0.00
22 M	cis-1,2-Dichloroethene	2.623	2.438	7.1	94	0.00
23 M	tert-Butyl Alcohol	0.418	0.412	1.4	101	0.00
24 M	Methyl tert-Butyl Ether	7.478	6.842	8.5	95	0.00
25 M	Chloroform	4.556	4.226	7.2	92	0.00
26	Cyclohexane	3.360	3.076	8.5	94	0.00
27 s	1,2-Dichloroethane-d4	3.284	3.289	-0.2	97	0.00
28 I	1,4-Difluorobenzene	1.000	1.000	0.0	95	0.00
29	1,1-Dichloropropene	0.541	0.517	4.4	96	0.00
30 M	2-Butanone	0.281	0.291	-3.6	99	0.00
31	2,2-Dichloropropane	0.633	0.577	8.8	91	0.00
32 M	1,1,1-Trichloroethane	0.746	0.694	7.0	92	0.00
33 M	Carbon Tetrachloride	0.608	0.552	9.2	94	0.00
34 M	Benzene	1.685	1.626	3.5	94	0.00
35	Methacrylonitrile	0.330	0.323	2.1	95	0.00
36 M	1,2-Dichloroethane	0.704	0.713	-1.3	97	0.00
37 M	Trichloroethene	0.421	0.393	6.7	94	0.00
38	Methylcyclohexane	0.674	0.610	9.5	92	0.00
39 M	1,2-Dichloropropane	0.419	0.392	6.4	94	0.00
40	Dibromomethane	0.328	0.319	2.7	94	0.00
41 M	Bromodichloromethane	0.617	0.584	5.3	97	0.00
42 M	Vinyl Acetate	1.181	1.123	4.9	96	0.00
43	Ethyl Acetate	0.584	0.590	-1.0	106	0.00
44	Isopropyl Acetate	0.971	0.962	0.9	98	0.00
45 T	1,4-Dioxane	0.007	0.007	0.0	108	0.00
46	Methyl methacrylate	0.474	0.468	1.3	96	0.00
47	n-amyl Acetate	0.788	0.753	4.4	100	0.00
48 M	t-1,3-Dichloropropene	0.597	0.549	8.0	96	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	0.682	0.604	11.4	95	0.00
50 M	1,1,2-Trichloroethane	0.416	0.415	0.2	98	0.00
51	Ethyl methacrylate	0.636	0.621	2.4	98	0.00
52	1,3-Dichloropropane	0.713	0.704	1.3	94	0.00
53 M	Dibromochloromethane	0.433	0.399	7.9	97	0.00
54 M	1,2-Dibromoethane	0.428	0.421	1.6	95	0.00
55 M	2-Chloroethyl vinyl ether	0.313	0.311	0.6	100	0.00
56 M	Bromoform	0.267	0.231	13.5	98	0.00
57 I	Chlorobenzene-d5	1.000	1.000	0.0	96	0.00
58 M	4-Methyl-2-Pentanone	0.612	0.647	-5.7	101	0.00
59 M	2-Hexanone	0.423	0.458	-8.3	100	0.00
60 S	4-Bromofluorobenzene	0.560	0.577	-3.0	97	0.00
61 M	Tetrachloroethene	0.385	0.370	3.9	90	0.00
62 M	Toluene	1.974	1.901	3.7	94	0.00
63 S	Toluene-d8	1.677	1.663	0.8	94	0.00
64 M	Chlorobenzene	1.226	1.161	5.3	95	0.00
65	1,1,1,2-Tetrachloroethane	0.416	0.398	4.3	96	0.00
66 M	Ethyl Benzene	2.123	2.074	2.3	96	0.00
67 M	m/p-Xylenes	0.798	0.774	3.0	95	0.00
68 M	o-Xylene	0.779	0.773	0.8	97	0.00
69 M	Styrene	1.294	1.253	3.2	96	0.00
70	Isopropylbenzene	2.008	1.933	3.7	94	0.00
71 M	1,1,2,2-Tetrachloroethane	0.625	0.639	-2.2	96	0.00
72	1,2,3-Trichloropropane	0.545	0.576	-5.7	95	0.00
73	Bromobenzene	0.472	0.464	1.7	92	0.00
74	n-propylbenzene	2.276	2.216	2.6	96	0.00
75	2-Chlorotoluene	1.431	1.410	1.5	95	0.00
76	1,3,5-Trimethylbenzene	1.669	1.639	1.8	93	0.00
77	t-1,4-Dichloro-2-butene	0.173	0.151	12.7	91	0.00
78	4-Chlorotoluene	1.589	1.563	1.6	95	0.00
79	tert-butylbenzene	1.639	1.605	2.1	94	0.00
80	1,2,4-Trimethylbenzene	1.645	1.620	1.5	93	0.00
81	sec-Butylbenzene	1.983	1.945	1.9	96	0.00
82	p-Isopropyltoluene	1.649	1.591	3.5	96	0.00
83 M	1,3-Dichlorobenzene	0.854	0.820	4.0	96	0.00
84 M	1,4-Dichlorobenzene	0.854	0.818	4.2	96	0.00
85	n-Butylbenzene	1.404	1.415	-0.8	98	0.00
86 T	Hexachloroethane	0.260	0.256	1.5	105	0.00
87 M	1,2-Dichlorobenzene	0.871	0.908	-4.2	99	0.00
88	1,2-Dibromo-3-Chloropropane	0.120	0.132	-10.0	114	0.00
89	1,2,4-Trichlorobenzene	0.500	0.485	3.0	98	0.00
90	Hexachlorobutadiene	0.203	0.206	-1.5	102	0.00
91 M	Naphthalene	1.692	1.794	-6.0	106	0.00
92	1,2,3-Trichlorobenzene	0.514	0.523	-1.8	100	0.00

(#) = Out of Range

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