

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072823\
 Data File : VX036693.D
 Acq On : 28 Jul 2023 09:20
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC020

Quant Time: Jul 28 16:15:13 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X071423W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Jul 14 04:32:22 2023
 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	108	0.00
2 M	Dichlorodifluoromethane	1.676	2.159	-28.8#	134	0.00
3 M	Chloromethane	2.293	2.023	11.8	99	0.00
4 M	Vinyl Chloride	2.365	2.147	9.2	97	0.00
5 M	Bromomethane	2.422	1.336	44.8#	60	-0.01
6 M	Chloroethane	1.610	1.253	22.2	86	0.00
7 M	Trichlorofluoromethane	3.836	3.488	9.1	97	0.00
8 T	Diethyl Ether	1.594	1.237	22.4	95	0.00
9	1,1,2-Trichlorotrifluoroeth	1.737	2.014	-15.9	130	0.00
10 M	1,1-Dichloroethene	1.756	1.858	-5.8	120	0.00
11	Methyl Iodide	2.001	2.078	-3.8	135	0.00
12	Methyl Acetate	4.127	4.235	-2.6	121	0.00
13 M	Acrolein	0.339	0.395	-16.5	151#	0.00
14 M	Acrylonitrile	1.157	1.185	-2.4	121	0.00
15 M	Acetone	0.327	0.453	-38.5#	162#	0.00
16 M	Carbon Disulfide	4.259	5.117	-20.1	141	0.00
17	Allyl chloride	3.114	3.424	-10.0	131	0.00
18 M	Methylene Chloride	2.114	2.159	-2.1	124	0.00
19 M	trans-1,2-Dichloroethene	1.919	2.101	-9.5	127	0.00
20 T	Diisopropyl ether	6.347	6.737	-6.1	125	0.00
21 M	1,1-Dichloroethane	3.701	3.872	-4.6	123	0.00
22 M	cis-1,2-Dichloroethene	2.309	2.502	-8.4	126	0.00
23 M	tert-Butyl Alcohol	0.537	0.638	-18.8	145	0.00
24 M	Methyl tert-Butyl Ether	6.384	7.119	-11.5	133	0.00
25 M	Chloroform	3.826	4.076	-6.5	124	-0.01
26	Cyclohexane	2.839	3.329	-17.3	127	0.00
27 s	1,2-Dichloroethane-d4	2.490	2.454	1.4	110	0.00
28 I	1,4-Difluorobenzene	1.000	1.000	0.0	114	0.00
29	1,1-Dichloropropene	0.452	0.494	-9.3	127	0.00
30 M	2-Butanone	0.285	0.316	-10.9	135	0.00
31	2,2-Dichloropropane	0.496	0.614	-23.8	152#	0.00
32 M	1,1,1-Trichloroethane	0.538	0.616	-14.5	134	0.00
33 M	Carbon Tetrachloride	0.459	0.526	-14.6	137	0.00
34 M	Benzene	1.394	1.432	-2.7	124	0.00
35	Methacrylonitrile	0.296	0.288	2.7	121	0.00
36 M	1,2-Dichloroethane	0.535	0.527	1.5	121	0.00
37 M	Trichloroethene	0.367	0.386	-5.2	127	0.00
38	Methylcyclohexane	0.526	0.620	-17.9	135	0.00
39 M	1,2-Dichloropropane	0.378	0.370	2.1	121	0.00
40	Dibromomethane	0.274	0.270	1.5	124	0.00
41 M	Bromodichloromethane	0.497	0.545	-9.7	138	0.00
42 M	Vinyl Acetate	0.860	0.889	-3.4	129	0.00
43	Ethyl Acetate	0.554	0.551	0.5	125	0.00
44	Isopropyl Acetate	0.884	0.912	-3.2	127	0.00
45 T	1,4-Dioxane	0.010	0.010	0.0	128	-0.02
46	Methyl methacrylate	0.423	0.426	-0.7	129	0.00
47	n-amyl Acetate	0.750	0.774	-3.2	130	0.00
48 M	t-1,3-Dichloropropene	0.545	0.606	-11.2	144	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072823\
 Data File : VX036693.D
 Acq On : 28 Jul 2023 09:20
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC020

Quant Time: Jul 28 16:15:13 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X071423W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Jul 14 04:32:22 2023
 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	0.589	0.641	-8.8	136	0.00
50 M	1,1,2-Trichloroethane	0.372	0.376	-1.1	123	0.00
51	Ethyl methacrylate	0.584	0.621	-6.3	132	0.00
52	1,3-Dichloropropane	0.627	0.641	-2.2	123	0.00
53 M	Dibromochloromethane	0.375	0.415	-10.7	140	0.00
54 M	1,2-Dibromoethane	0.390	0.402	-3.1	127	0.00
55 M	2-Chloroethyl vinyl ether	0.314	0.287	8.6	111	0.00
56 M	Bromoform	0.261	0.302	-15.7	151#	0.00
57 I	Chlorobenzene-d5	1.000	1.000	0.0	115	0.00
58 M	4-Methyl-2-Pentanone	0.620	0.606	2.3	118	0.00
59 M	2-Hexanone	0.472	0.486	-3.0	125	0.00
60 S	4-Bromofluorobenzene	0.487	0.502	-3.1	118	0.00
61 M	Tetrachloroethene	0.359	0.377	-5.0	122	0.00
62 M	Toluene	1.683	1.748	-3.9	124	0.00
63 S	Toluene-d8	1.380	1.354	1.9	111	0.00
64 M	Chlorobenzene	1.048	1.072	-2.3	124	0.00
65	1,1,1,2-Tetrachloroethane	0.378	0.424	-12.2	138	0.00
66 M	Ethyl Benzene	1.829	1.966	-7.5	128	0.00
67 M	m/p-Xylenes	0.713	0.754	-5.8	126	0.00
68 M	o-Xylene	0.708	0.737	-4.1	124	0.00
69 M	Styrene	1.148	1.230	-7.1	129	0.00
70	Isopropylbenzene	1.763	1.920	-8.9	128	0.00
71 M	1,1,2,2-Tetrachloroethane	0.643	0.645	-0.3	124	0.00
72	1,2,3-Trichloropropane	0.596	0.551	7.6	113	0.00
73	Bromobenzene	0.436	0.440	-0.9	124	0.00
74	n-propylbenzene	2.075	2.296	-10.7	132	0.00
75	2-Chlorotoluene	1.262	1.355	-7.4	126	0.00
76	1,3,5-Trimethylbenzene	1.515	1.639	-8.2	127	0.00
77	t-1,4-Dichloro-2-butene	0.196	0.232	-18.4	160#	0.00
78	4-Chlorotoluene	1.437	1.564	-8.8	132	0.00
79	tert-butylbenzene	1.438	1.603	-11.5	133	0.00
80	1,2,4-Trimethylbenzene	1.501	1.632	-8.7	130	0.00
81	sec-Butylbenzene	1.810	2.030	-12.2	130	0.00
82	p-Isopropyltoluene	1.506	1.705	-13.2	132	0.00
83 M	1,3-Dichlorobenzene	0.811	0.857	-5.7	127	0.00
84 M	1,4-Dichlorobenzene	0.808	0.842	-4.2	128	0.00
85	n-Butylbenzene	1.371	1.521	-10.9	134	0.00
86 T	Hexachloroethane	0.249	0.329	-32.1#	172#	0.00
87 M	1,2-Dichlorobenzene	0.813	0.832	-2.3	126	0.00
88	1,2-Dibromo-3-Chloropropane	0.145	0.155	-6.9	135	0.00
89	1,2,4-Trichlorobenzene	0.513	0.515	-0.4	125	0.00
90	Hexachlorobutadiene	0.186	0.214	-15.1	130	0.00
91 M	Naphthalene	1.799	1.769	1.7	122	0.00
92	1,2,3-Trichlorobenzene	0.518	0.515	0.6	122	0.00

(#) = Out of Range

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