

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112423\
 Data File : VX039028.D
 Acq On : 24 Nov 2023 16:41
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC020

Quant Time: Nov 27 03:29:44 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X112423W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Mon Nov 27 03:22:25 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	85	0.00
2 M	Dichlorodifluoromethane	4.490	4.770	-6.2	89	0.00
3 M	Chloromethane	5.141	5.452	-6.0	92	0.00
4 M	Vinyl Chloride	5.191	5.569	-7.3	92	0.00
5 M	Bromomethane	3.175	3.796	-19.6	91	0.00
6 M	Chloroethane	3.023	3.337	-10.4	91	0.00
7 M	Trichlorofluoromethane	7.164	7.625	-6.4	90	0.00
8 T	Diethyl Ether	2.750	2.954	-7.4	92	0.00
9	1,1,2-Trichlorotrifluoroeth	4.048	4.178	-3.2	90	0.00
10 M	1,1-Dichloroethene	4.081	4.342	-6.4	92	0.00
11	Methyl Iodide	4.472	4.642	-3.8	98	0.00
12	Methyl Acetate	12.727	14.653	-15.1	100	0.00
13 M	Acrolein	1.115	1.086	2.6	87	0.00
14 M	Acrylonitrile	3.113	3.453	-10.9	96	0.00
15 M	Acetone	1.131	1.006	11.1	68	0.00
16 M	Carbon Disulfide	12.359	13.149	-6.4	93	0.00
17	Allyl chloride	8.101	8.918	-10.1	95	0.00
18 M	Methylene Chloride	4.837	5.196	-7.4	96	0.00
19 M	trans-1,2-Dichloroethene	4.615	4.851	-5.1	93	0.00
20 T	Diisopropyl ether	15.416	16.893	-9.6	95	0.00
21 M	1,1-Dichloroethane	8.571	9.419	-9.9	96	0.00
22 M	cis-1,2-Dichloroethene	5.349	5.630	-5.3	91	0.00
23 M	tert-Butyl Alcohol	1.723	1.862	-8.1	97	0.00
24 M	Methyl tert-Butyl Ether	15.032	16.095	-7.1	93	0.00
25 M	Chloroform	8.603	9.302	-8.1	94	0.00
26	Cyclohexane	7.758	8.308	-7.1	93	0.00
27 s	1,2-Dichloroethane-d4	4.104	4.509	-9.9	92	0.00
28 I	1,4-Difluorobenzene	1.000	1.000	0.0	87	0.00
29	1,1-Dichloropropene	0.841	0.861	-2.4	93	0.00
30 M	2-Butanone	0.633	0.626	1.1	87	0.00
31	2,2-Dichloropropane	0.962	0.901	6.3	84	0.00
32 M	1,1,1-Trichloroethane	0.972	0.983	-1.1	91	0.00
33 M	Carbon Tetrachloride	0.819	0.822	-0.4	90	0.00
34 M	Benzene	2.450	2.527	-3.1	94	0.00
35	Methacrylonitrile	0.561	0.597	-6.4	99	0.00
36 M	1,2-Dichloroethane	0.899	0.934	-3.9	94	0.00
37 M	Trichloroethene	0.622	0.611	1.8	88	0.00
38	Methylcyclohexane	1.048	1.063	-1.4	91	0.00
39 M	1,2-Dichloropropane	0.646	0.681	-5.4	98	0.00
40	Dibromomethane	0.457	0.463	-1.3	92	0.00
41 M	Bromodichloromethane	0.877	0.888	-1.3	92	0.00
42 M	Vinyl Acetate	1.508	1.558	-3.3	93	0.00
43	Ethyl Acetate	1.089	1.120	-2.8	93	0.00
44	Isopropyl Acetate	1.717	1.794	-4.5	96	0.00
45 T	1,4-Dioxane	0.018	0.018	0.0	98	0.00
46	Methyl methacrylate	0.982	1.038	-5.7	97	0.00
47	n-amyl Acetate	1.453	1.429	1.7	94	0.00
48 M	t-1,3-Dichloropropene	1.017	0.982	3.4	88	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112423\
 Data File : VX039028.D
 Acq On : 24 Nov 2023 16:41
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC020

Quant Time: Nov 27 03:29:44 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X112423W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Mon Nov 27 03:22:25 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	1.049	1.064	-1.4	92	0.00
50 M	1,1,2-Trichloroethane	0.620	0.638	-2.9	93	0.00
51	Ethyl methacrylate	0.776	0.796	-2.6	96	0.00
52	1,3-Dichloropropane	1.063	1.086	-2.2	92	0.00
53 M	Dibromochloromethane	0.666	0.642	3.6	87	0.00
54 M	1,2-Dibromoethane	0.680	0.700	-2.9	95	0.00
55 M	2-Chloroethyl vinyl ether	0.492	0.497	-1.0	96	0.00
56 M	Bromoform	0.481	0.450	6.4	87	0.00
57 I	Chlorobenzene-d5	1.000	1.000	0.0	89	0.00
58 M	4-Methyl-2-Pentanone	0.910	0.954	-4.8	95	0.00
59 M	2-Hexanone	0.747	0.765	-2.4	93	0.00
60 S	4-Bromofluorobenzene	0.655	0.646	1.4	90	0.00
61 M	Tetrachloroethene	0.390	0.389	0.3	89	0.00
62 M	Toluene	2.130	2.188	-2.7	94	0.00
63 S	Toluene-d8	1.186	1.209	-1.9	92	0.00
64 M	Chlorobenzene	1.296	1.296	0.0	92	0.00
65	1,1,1,2-Tetrachloroethane	0.467	0.464	0.6	91	0.00
66 M	Ethyl Benzene	2.425	2.414	0.5	91	0.00
67 M	m/p-Xylenes	0.896	0.898	-0.2	92	0.00
68 M	o-Xylene	0.868	0.858	1.2	92	0.00
69 M	Styrene	1.285	1.292	-0.5	94	0.00
70	Isopropylbenzene	2.323	2.324	-0.0	92	0.00
71 M	1,1,2,2-Tetrachloroethane	0.867	0.879	-1.4	94	0.00
72	1,2,3-Trichloropropane	0.734	0.755	-2.9	94	0.00
73	Bromobenzene	0.529	0.523	1.1	93	0.00
74	n-propylbenzene	2.846	2.860	-0.5	92	0.00
75	2-Chlorotoluene	1.670	1.669	0.1	92	0.00
76	1,3,5-Trimethylbenzene	2.001	2.012	-0.5	93	0.00
77	t-1,4-Dichloro-2-butene	0.291	0.261	10.3	88	0.00
78	4-Chlorotoluene	1.963	1.973	-0.5	92	0.00
79	tert-butylbenzene	1.903	1.905	-0.1	92	0.00
80	1,2,4-Trimethylbenzene	2.003	2.010	-0.3	93	0.00
81	sec-Butylbenzene	2.405	2.425	-0.8	94	0.00
82	p-Isopropyltoluene	2.039	2.017	1.1	92	0.00
83 M	1,3-Dichlorobenzene	1.012	1.023	-1.1	95	0.00
84 M	1,4-Dichlorobenzene	1.038	1.027	1.1	92	0.00
85	n-Butylbenzene	2.013	1.939	3.7	91	0.00
86 T	Hexachloroethane	0.386	0.375	2.8	91	0.00
87 M	1,2-Dichlorobenzene	0.973	0.978	-0.5	93	0.00
88	1,2-Dibromo-3-Chloropropane	0.222	0.228	-2.7	95	0.00
89	1,2,4-Trichlorobenzene	0.645	0.634	1.7	91	0.00
90	Hexachlorobutadiene	0.230	0.216	6.1	86	0.00
91 M	Naphthalene	2.379	2.321	2.4	92	0.00
92	1,2,3-Trichlorobenzene	0.625	0.608	2.7	90	0.00

(#) = Out of Range

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