

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112823\
 Data File : VX039049.D
 Acq On : 28 Nov 2023 15:57
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC020

Quant Time: Nov 29 01:30:06 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	93	0.00
2 M	Dichlorodifluoromethane	4.490	4.065	9.5	83	0.00
3 M	Chloromethane	5.141	5.072	1.3	93	0.00
4 M	Vinyl Chloride	5.191	5.050	2.7	91	0.00
5 M	Bromomethane	3.175	3.570	-12.4	93	0.00
6 M	Chloroethane	3.023	2.951	2.4	87	0.00
7 M	Trichlorofluoromethane	7.164	7.327	-2.3	94	0.00
8 T	Diethyl Ether	2.750	2.805	-2.0	95	0.00
9	1,1,2-Trichlorotrifluoroeth	4.048	3.964	2.1	92	0.00
10 M	1,1-Dichloroethene	4.081	3.909	4.2	90	0.00
11	Methyl Iodide	4.472	4.173	6.7	95	0.00
12	Methyl Acetate	12.727	12.459	2.1	92	0.00
13 M	Acrolein	1.115	1.175	-5.4	103	0.00
14 M	Acrylonitrile	3.113	3.046	2.2	92	0.00
15 M	Acetone	1.131	0.995	12.0	73	0.00
16 M	Carbon Disulfide	12.359	11.912	3.6	92	0.00
17	Allyl chloride	8.101	8.306	-2.5	96	0.00
18 M	Methylene Chloride	4.837	4.810	0.6	96	0.00
19 M	trans-1,2-Dichloroethene	4.615	4.495	2.6	93	0.00
20 T	Diisopropyl ether	15.416	15.266	1.0	93	0.00
21 M	1,1-Dichloroethane	8.571	8.451	1.4	93	0.00
22 M	cis-1,2-Dichloroethene	5.349	5.398	-0.9	95	-0.01
23 M	tert-Butyl Alcohol	1.723	1.533	11.0	87	0.00
24 M	Methyl tert-Butyl Ether	15.032	14.921	0.7	94	0.00
25 M	Chloroform	8.603	8.873	-3.1	98	-0.01
26	Cyclohexane	7.758	7.657	1.3	93	0.00
27 s	1,2-Dichloroethane-d4	4.104	4.166	-1.5	92	0.00
28 I	1,4-Difluorobenzene	1.000	1.000	0.0	89	-0.01
29	1,1-Dichloropropene	0.841	0.841	0.0	92	0.00
30 M	2-Butanone	0.633	0.615	2.8	87	-0.01
31	2,2-Dichloropropane	0.962	1.010	-5.0	96	-0.01
32 M	1,1,1-Trichloroethane	0.972	0.971	0.1	92	0.00
33 M	Carbon Tetrachloride	0.819	0.821	-0.2	92	-0.01
34 M	Benzene	2.450	2.438	0.5	92	0.00
35	Methacrylonitrile	0.561	0.565	-0.7	95	-0.02
36 M	1,2-Dichloroethane	0.899	0.924	-2.8	94	0.00
37 M	Trichloroethene	0.622	0.618	0.6	91	0.00
38	Methylcyclohexane	1.048	1.050	-0.2	91	0.00
39 M	1,2-Dichloropropane	0.646	0.636	1.5	93	0.00
40	Dibromomethane	0.457	0.473	-3.5	96	0.00
41 M	Bromodichloromethane	0.877	0.904	-3.1	95	0.00
42 M	Vinyl Acetate	1.508	1.547	-2.6	94	0.00
43	Ethyl Acetate	1.089	1.092	-0.3	92	-0.01
44	Isopropyl Acetate	1.717	1.687	1.7	92	0.00
45 T	1,4-Dioxane	0.018	0.018	0.0	98	0.00
46	Methyl methacrylate	0.982	0.981	0.1	93	0.00
47	n-amyl Acetate	1.453	1.383	4.8	92	0.00
48 M	t-1,3-Dichloropropene	1.017	0.993	2.4	90	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	1.049	1.060	-1.0	93	0.00
50 M	1,1,2-Trichloroethane	0.620	0.624	-0.6	93	0.00
51	Ethyl methacrylate	0.776	0.766	1.3	94	0.00
52	1,3-Dichloropropane	1.063	1.058	0.5	91	0.00
53 M	Dibromochloromethane	0.666	0.643	3.5	88	0.00
54 M	1,2-Dibromoethane	0.680	0.655	3.7	90	0.00
55 M	2-Chloroethyl vinyl ether	0.492	0.490	0.4	97	0.00
56 M	Bromoform	0.481	0.440	8.5	87	0.00
57 I	Chlorobenzene-d5	1.000	1.000	0.0	90	0.00
58 M	4-Methyl-2-Pentanone	0.910	0.888	2.4	89	0.00
59 M	2-Hexanone	0.747	0.709	5.1	87	0.00
60 S	4-Bromofluorobenzene	0.655	0.658	-0.5	92	0.00
61 M	Tetrachloroethene	0.390	0.375	3.8	87	0.00
62 M	Toluene	2.130	2.121	0.4	92	0.00
63 S	Toluene-d8	1.186	1.198	-1.0	92	0.00
64 M	Chlorobenzene	1.296	1.270	2.0	91	0.00
65	1,1,1,2-Tetrachloroethane	0.467	0.460	1.5	91	0.00
66 M	Ethyl Benzene	2.425	2.384	1.7	91	0.00
67 M	m/p-Xylenes	0.896	0.885	1.2	92	0.00
68 M	o-Xylene	0.868	0.855	1.5	92	0.00
69 M	Styrene	1.285	1.258	2.1	92	0.00
70	Isopropylbenzene	2.323	2.293	1.3	91	0.00
71 M	1,1,2,2-Tetrachloroethane	0.867	0.831	4.2	90	0.00
72	1,2,3-Trichloropropane	0.734	0.732	0.3	92	0.00
73	Bromobenzene	0.529	0.511	3.4	92	0.00
74	n-propylbenzene	2.846	2.816	1.1	91	0.00
75	2-Chlorotoluene	1.670	1.629	2.5	91	0.00
76	1,3,5-Trimethylbenzene	2.001	1.960	2.0	91	0.00
77	t-1,4-Dichloro-2-butene	0.291	0.265	8.9	90	0.00
78	4-Chlorotoluene	1.963	1.931	1.6	91	0.00
79	tert-butylbenzene	1.903	1.878	1.3	91	0.00
80	1,2,4-Trimethylbenzene	2.003	1.928	3.7	89	0.00
81	sec-Butylbenzene	2.405	2.357	2.0	92	0.00
82	p-Isopropyltoluene	2.039	1.990	2.4	91	0.00
83 M	1,3-Dichlorobenzene	1.012	0.979	3.3	92	0.00
84 M	1,4-Dichlorobenzene	1.038	0.986	5.0	89	0.00
85	n-Butylbenzene	2.013	2.038	-1.2	96	0.00
86 T	Hexachloroethane	0.386	0.380	1.6	93	0.00
87 M	1,2-Dichlorobenzene	0.973	0.995	-2.3	95	0.00
88	1,2-Dibromo-3-Chloropropane	0.222	0.209	5.9	88	0.00
89	1,2,4-Trichlorobenzene	0.645	0.635	1.6	92	0.00
90	Hexachlorobutadiene	0.230	0.215	6.5	86	0.00
91 M	Naphthalene	2.379	2.224	6.5	89	0.00
92	1,2,3-Trichlorobenzene	0.625	0.597	4.5	89	0.00

(#) = Out of Range

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