

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112923\
 Data File : VX039051.D
 Acq On : 29 Nov 2023 10:23
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC020

Quant Time: Nov 30 01:35:32 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	121	0.00
2 M	Dichlorodifluoromethane	4.490	4.423	1.5	117	0.00
3 M	Chloromethane	5.141	5.051	1.8	120	0.00
4 M	Vinyl Chloride	5.191	5.024	3.2	118	0.00
5 M	Bromomethane	3.175	3.468	-9.2	118	0.00
6 M	Chloroethane	3.023	3.057	-1.1	117	0.00
7 M	Trichlorofluoromethane	7.164	7.269	-1.5	121	0.00
8 T	Diethyl Ether	2.750	2.806	-2.0	123	0.00
9	1,1,2-Trichlorotrifluoroeth	4.048	4.329	-6.9	131	0.00
10 M	1,1-Dichloroethene	4.081	4.272	-4.7	128	0.00
11	Methyl Iodide	4.472	4.626	-3.4	137	0.00
12	Methyl Acetate	12.727	12.796	-0.5	123	0.00
13 M	Acrolein	1.115	1.104	1.0	125	0.00
14 M	Acrylonitrile	3.113	3.202	-2.9	126	0.00
15 M	Acetone	1.131	1.343	-18.7	127	0.00
16 M	Carbon Disulfide	12.359	12.068	2.4	121	0.00
17	Allyl chloride	8.101	8.146	-0.6	122	0.00
18 M	Methylene Chloride	4.837	4.885	-1.0	127	0.00
19 M	trans-1,2-Dichloroethene	4.615	4.675	-1.3	126	0.00
20 T	Diisopropyl ether	15.416	16.057	-4.2	127	0.00
21 M	1,1-Dichloroethane	8.571	8.776	-2.4	126	0.00
22 M	cis-1,2-Dichloroethene	5.349	5.384	-0.7	123	-0.01
23 M	tert-Butyl Alcohol	1.723	1.556	9.7	114	0.00
24 M	Methyl tert-Butyl Ether	15.032	15.467	-2.9	126	0.00
25 M	Chloroform	8.603	8.908	-3.5	128	0.00
26	Cyclohexane	7.758	7.862	-1.3	124	0.00
27 s	1,2-Dichloroethane-d4	4.104	4.172	-1.7	120	0.00
28 I	1,4-Difluorobenzene	1.000	1.000	0.0	124	0.00
29	1,1-Dichloropropene	0.841	0.806	4.2	124	0.00
30 M	2-Butanone	0.633	0.638	-0.8	126	0.00
31	2,2-Dichloropropane	0.962	0.941	2.2	125	0.00
32 M	1,1,1-Trichloroethane	0.972	0.942	3.1	124	0.00
33 M	Carbon Tetrachloride	0.819	0.783	4.4	122	0.00
34 M	Benzene	2.450	2.403	1.9	127	0.00
35	Methacrylonitrile	0.561	0.555	1.1	131	-0.01
36 M	1,2-Dichloroethane	0.899	0.825	8.2	118	0.00
37 M	Trichloroethene	0.622	0.604	2.9	124	0.00
38	Methylcyclohexane	1.048	1.012	3.4	123	0.00
39 M	1,2-Dichloropropane	0.646	0.642	0.6	131	0.00
40	Dibromomethane	0.457	0.432	5.5	123	0.00
41 M	Bromodichloromethane	0.877	0.849	3.2	125	0.00
42 M	Vinyl Acetate	1.508	1.494	0.9	127	0.00
43	Ethyl Acetate	1.089	1.029	5.5	121	-0.01
44	Isopropyl Acetate	1.717	1.641	4.4	125	0.00
45 T	1,4-Dioxane	0.018	0.016	11.1	124	0.00
46	Methyl methacrylate	0.982	0.937	4.6	124	0.00
47	n-amyl Acetate	1.453	1.370	5.7	128	0.00
48 M	t-1,3-Dichloropropene	1.017	0.955	6.1	121	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	1.049	1.021	2.7	126	0.00
50 M	1,1,2-Trichloroethane	0.620	0.609	1.8	126	0.00
51	Ethyl methacrylate	0.776	0.747	3.7	129	0.00
52	1,3-Dichloropropane	1.063	1.035	2.6	125	0.00
53 M	Dibromochloromethane	0.666	0.632	5.1	121	0.00
54 M	1,2-Dibromoethane	0.680	0.649	4.6	125	0.00
55 M	2-Chloroethyl vinyl ether	0.492	0.449	8.7	124	0.00
56 M	Bromoform	0.481	0.441	8.3	122	0.00
57 I	Chlorobenzene-d5	1.000	1.000	0.0	124	0.00
58 M	4-Methyl-2-Pentanone	0.910	0.898	1.3	125	0.00
59 M	2-Hexanone	0.747	0.741	0.8	125	0.00
60 S	4-Bromofluorobenzene	0.655	0.645	1.5	125	0.00
61 M	Tetrachloroethene	0.390	0.387	0.8	124	0.00
62 M	Toluene	2.130	2.113	0.8	126	0.00
63 S	Toluene-d8	1.186	1.179	0.6	125	0.00
64 M	Chlorobenzene	1.296	1.276	1.5	127	0.00
65	1,1,1,2-Tetrachloroethane	0.467	0.463	0.9	126	0.00
66 M	Ethyl Benzene	2.425	2.373	2.1	125	0.00
67 M	m/p-Xylenes	0.896	0.882	1.6	126	0.00
68 M	o-Xylene	0.868	0.848	2.3	126	0.00
69 M	Styrene	1.285	1.247	3.0	126	0.00
70	Isopropylbenzene	2.323	2.269	2.3	125	0.00
71 M	1,1,2,2-Tetrachloroethane	0.867	0.843	2.8	126	0.00
72	1,2,3-Trichloropropane	0.734	0.732	0.3	127	0.00
73	Bromobenzene	0.529	0.515	2.6	128	0.00
74	n-propylbenzene	2.846	2.799	1.7	126	0.00
75	2-Chlorotoluene	1.670	1.601	4.1	124	0.00
76	1,3,5-Trimethylbenzene	2.001	1.940	3.0	124	0.00
77	t-1,4-Dichloro-2-butene	0.291	0.270	7.2	126	0.00
78	4-Chlorotoluene	1.963	1.900	3.2	124	0.00
79	tert-butylbenzene	1.903	1.863	2.1	125	0.00
80	1,2,4-Trimethylbenzene	2.003	1.940	3.1	125	0.00
81	sec-Butylbenzene	2.405	2.333	3.0	126	0.00
82	p-Isopropyltoluene	2.039	1.979	2.9	126	0.00
83 M	1,3-Dichlorobenzene	1.012	0.970	4.2	125	0.00
84 M	1,4-Dichlorobenzene	1.038	0.986	5.0	123	0.00
85	n-Butylbenzene	2.013	1.938	3.7	127	0.00
86 T	Hexachloroethane	0.386	0.361	6.5	122	0.00
87 M	1,2-Dichlorobenzene	0.973	0.935	3.9	123	0.00
88	1,2-Dibromo-3-Chloropropane	0.222	0.206	7.2	120	0.00
89	1,2,4-Trichlorobenzene	0.645	0.618	4.2	124	0.00
90	Hexachlorobutadiene	0.230	0.226	1.7	125	0.00
91 M	Naphthalene	2.379	2.188	8.0	121	0.00
92	1,2,3-Trichlorobenzene	0.625	0.609	2.6	125	0.00

(#) = Out of Range

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