

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120823\
 Data File : VX039094.D
 Acq On : 08 Dec 2023 10:12
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC020

Quant Time: Dec 08 23:43:46 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	101	0.00
2 M	Dichlorodifluoromethane	4.490	4.238	5.6	94	0.00
3 M	Chloromethane	5.141	5.011	2.5	100	0.00
4 M	Vinyl Chloride	5.191	5.000	3.7	98	0.00
5 M	Bromomethane	3.175	3.718	-17.1	106	0.00
6 M	Chloroethane	3.023	3.105	-2.7	100	0.00
7 M	Trichlorofluoromethane	7.164	7.017	2.1	98	0.00
8 T	Diethyl Ether	2.750	2.767	-0.6	102	0.00
9	1,1,2-Trichlorotrifluoroeth	4.048	4.455	-10.1	113	0.00
10 M	1,1-Dichloroethene	4.081	4.353	-6.7	109	0.00
11	Methyl Iodide	4.472	3.727	16.7	93	0.00
12	Methyl Acetate	12.727	14.203	-11.6	115	0.00
13 M	Acrolein	1.115	1.080	3.1	103	0.00
14 M	Acrylonitrile	3.113	3.315	-6.5	109	0.00
15 M	Acetone	1.131	1.403	-24.0	112	0.00
16 M	Carbon Disulfide	12.359	12.142	1.8	102	0.00
17	Allyl chloride	8.101	8.795	-8.6	111	0.00
18 M	Methylene Chloride	4.837	5.167	-6.8	113	0.00
19 M	trans-1,2-Dichloroethene	4.615	4.746	-2.8	107	0.00
20 T	Diisopropyl ether	15.416	17.144	-11.2	114	0.00
21 M	1,1-Dichloroethane	8.571	9.279	-8.3	112	0.00
22 M	cis-1,2-Dichloroethene	5.349	5.722	-7.0	110	-0.01
23 M	tert-Butyl Alcohol	1.723	1.436	16.7	88	0.00
24 M	Methyl tert-Butyl Ether	15.032	16.171	-7.6	111	0.00
25 M	Chloroform	8.603	9.121	-6.0	110	0.00
26	Cyclohexane	7.758	8.106	-4.5	107	0.00
27 s	1,2-Dichloroethane-d4	4.104	4.190	-2.1	101	0.00
28 I	1,4-Difluorobenzene	1.000	1.000	0.0	103	0.00
29	1,1-Dichloropropene	0.841	0.831	1.2	106	0.00
30 M	2-Butanone	0.633	0.671	-6.0	110	0.00
31	2,2-Dichloropropane	0.962	0.976	-1.5	107	0.00
32 M	1,1,1-Trichloroethane	0.972	0.961	1.1	105	0.00
33 M	Carbon Tetrachloride	0.819	0.787	3.9	102	-0.01
34 M	Benzene	2.450	2.525	-3.1	110	0.00
35	Methacrylonitrile	0.561	0.578	-3.0	113	0.00
36 M	1,2-Dichloroethane	0.899	0.909	-1.1	107	0.00
37 M	Trichloroethene	0.622	0.619	0.5	106	0.00
38	Methylcyclohexane	1.048	1.061	-1.2	107	0.00
39 M	1,2-Dichloropropane	0.646	0.694	-7.4	118	0.00
40	Dibromomethane	0.457	0.450	1.5	106	0.00
41 M	Bromodichloromethane	0.877	0.904	-3.1	110	0.00
42 M	Vinyl Acetate	1.508	1.556	-3.2	109	0.00
43	Ethyl Acetate	1.089	1.071	1.7	105	0.00
44	Isopropyl Acetate	1.717	1.751	-2.0	111	0.00
45 T	1,4-Dioxane	0.018	0.013	27.8#	83	0.00
46	Methyl methacrylate	0.982	1.000	-1.8	110	0.00
47	n-amyl Acetate	1.453	1.467	-1.0	113	0.00
48 M	t-1,3-Dichloropropene	1.017	0.997	2.0	105	0.00

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49 T	cis-1,3-Dichloropropene	1.049	1.083	-3.2	110	0.00
50 M	1,1,2-Trichloroethane	0.620	0.644	-3.9	111	0.00
51	Ethyl methacrylate	0.776	0.811	-4.5	116	0.00
52	1,3-Dichloropropane	1.063	1.098	-3.3	110	0.00
53 M	Dibromochloromethane	0.666	0.659	1.1	105	0.00
54 M	1,2-Dibromoethane	0.680	0.670	1.5	107	0.00
55 M	2-Chloroethyl vinyl ether	0.492	0.481	2.2	110	0.00
56 M	Bromoform	0.481	0.443	7.9	101	0.00
57 I	Chlorobenzene-d5	1.000	1.000	0.0	102	0.00
58 M	4-Methyl-2-Pentanone	0.910	0.957	-5.2	109	0.00
59 M	2-Hexanone	0.747	0.792	-6.0	110	0.00
60 S	4-Bromofluorobenzene	0.655	0.660	-0.8	105	0.00
61 M	Tetrachloroethene	0.390	0.385	1.3	101	0.00
62 M	Toluene	2.130	2.210	-3.8	108	0.00
63 S	Toluene-d8	1.186	1.195	-0.8	104	0.00
64 M	Chlorobenzene	1.296	1.325	-2.2	108	0.00
65	1,1,1,2-Tetrachloroethane	0.467	0.482	-3.2	108	0.00
66 M	Ethyl Benzene	2.425	2.507	-3.4	108	0.00
67 M	m/p-Xylenes	0.896	0.921	-2.8	108	0.00
68 M	o-Xylene	0.868	0.900	-3.7	110	0.00
69 M	Styrene	1.285	1.302	-1.3	108	0.00
70	Isopropylbenzene	2.323	2.411	-3.8	108	0.00
71 M	1,1,2,2-Tetrachloroethane	0.867	0.917	-5.8	112	0.00
72	1,2,3-Trichloropropane	0.734	0.779	-6.1	110	0.00
73	Bromobenzene	0.529	0.532	-0.6	108	0.00
74	n-propylbenzene	2.846	2.962	-4.1	109	0.00
75	2-Chlorotoluene	1.670	1.722	-3.1	109	0.00
76	1,3,5-Trimethylbenzene	2.001	2.008	-0.3	105	0.00
77	t-1,4-Dichloro-2-butene	0.291	0.286	1.7	110	0.00
78	4-Chlorotoluene	1.963	2.023	-3.1	108	0.00
79	tert-butylbenzene	1.903	1.952	-2.6	107	0.00
80	1,2,4-Trimethylbenzene	2.003	2.042	-1.9	107	0.00
81	sec-Butylbenzene	2.405	2.499	-3.9	110	0.00
82	p-Isopropyltoluene	2.039	2.042	-0.1	106	0.00
83 M	1,3-Dichlorobenzene	1.012	1.020	-0.8	108	0.00
84 M	1,4-Dichlorobenzene	1.038	1.048	-1.0	107	0.00
85	n-Butylbenzene	2.013	2.059	-2.3	110	0.00
86 T	Hexachloroethane	0.386	0.384	0.5	106	0.00
87 M	1,2-Dichlorobenzene	0.973	0.992	-2.0	107	0.00
88	1,2-Dibromo-3-Chloropropane	0.222	0.212	4.5	101	0.00
89	1,2,4-Trichlorobenzene	0.645	0.651	-0.9	107	0.00
90	Hexachlorobutadiene	0.230	0.237	-3.0	108	0.00
91 M	Naphthalene	2.379	2.349	1.3	106	0.00
92	1,2,3-Trichlorobenzene	0.625	0.650	-4.0	110	0.00

(#) = Out of Range

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