

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120623\
 Data File : VX039091.D
 Acq On : 06 Dec 2023 16:24
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC020

Quant Time: Dec 07 04:02:22 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	96	0.00
2 M	Dichlorodifluoromethane	4.490	4.369	2.7	92	0.00
3 M	Chloromethane	5.141	5.068	1.4	97	0.00
4 M	Vinyl Chloride	5.191	5.070	2.3	95	0.00
5 M	Bromomethane	3.175	3.530	-11.2	96	0.00
6 M	Chloroethane	3.023	3.321	-9.9	102	0.00
7 M	Trichlorofluoromethane	7.164	7.131	0.5	95	0.00
8 T	Diethyl Ether	2.750	2.764	-0.5	97	0.00
9	1,1,2-Trichlorotrifluoroeth	4.048	4.401	-8.7	107	0.00
10 M	1,1-Dichloroethene	4.081	4.358	-6.8	104	0.00
11	Methyl Iodide	4.472	4.131	7.6	98	0.00
12	Methyl Acetate	12.727	14.329	-12.6	110	0.00
13 M	Acrolein	1.115	1.029	7.7	93	0.00
14 M	Acrylonitrile	3.113	3.385	-8.7	106	0.00
15 M	Acetone	1.131	1.044	7.7	79	0.00
16 M	Carbon Disulfide	12.359	12.008	2.8	96	0.00
17	Allyl chloride	8.101	8.636	-6.6	104	0.00
18 M	Methylene Chloride	4.837	5.213	-7.8	108	0.00
19 M	trans-1,2-Dichloroethene	4.615	4.758	-3.1	103	0.00
20 T	Diisopropyl ether	15.416	17.096	-10.9	108	0.00
21 M	1,1-Dichloroethane	8.571	9.203	-7.4	106	0.00
22 M	cis-1,2-Dichloroethene	5.349	5.524	-3.3	101	-0.01
23 M	tert-Butyl Alcohol	1.723	1.512	12.2	89	0.00
24 M	Methyl tert-Butyl Ether	15.032	16.030	-6.6	105	0.00
25 M	Chloroform	8.603	9.232	-7.3	106	0.00
26	Cyclohexane	7.758	8.247	-6.3	104	0.00
27 s	1,2-Dichloroethane-d4	4.104	4.102	0.0	94	0.00
28 I	1,4-Difluorobenzene	1.000	1.000	0.0	96	0.00
29	1,1-Dichloropropene	0.841	0.865	-2.9	103	0.00
30 M	2-Butanone	0.633	0.626	1.1	96	0.00
31	2,2-Dichloropropane	0.962	0.969	-0.7	99	0.00
32 M	1,1,1-Trichloroethane	0.972	0.948	2.5	97	0.00
33 M	Carbon Tetrachloride	0.819	0.807	1.5	98	-0.01
34 M	Benzene	2.450	2.535	-3.5	104	0.00
35	Methacrylonitrile	0.561	0.586	-4.5	107	-0.01
36 M	1,2-Dichloroethane	0.899	0.906	-0.8	100	0.00
37 M	Trichloroethene	0.622	0.611	1.8	97	0.00
38	Methylcyclohexane	1.048	1.069	-2.0	101	0.00
39 M	1,2-Dichloropropane	0.646	0.672	-4.0	106	0.00
40	Dibromomethane	0.457	0.464	-1.5	102	0.00
41 M	Bromodichloromethane	0.877	0.901	-2.7	102	0.00
42 M	Vinyl Acetate	1.508	1.584	-5.0	104	0.00
43	Ethyl Acetate	1.089	1.132	-3.9	103	-0.01
44	Isopropyl Acetate	1.717	1.801	-4.9	107	0.00
45 T	1,4-Dioxane	0.018	0.014	22.2	83	0.00
46	Methyl methacrylate	0.982	1.027	-4.6	106	0.00
47	n-amyl Acetate	1.453	1.519	-4.5	110	0.00
48 M	t-1,3-Dichloropropene	1.017	1.010	0.7	99	0.00

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49 T	cis-1,3-Dichloropropene	1.049	1.097	-4.6	105	0.00
50 M	1,1,2-Trichloroethane	0.620	0.650	-4.8	104	0.00
51	Ethyl methacrylate	0.776	0.815	-5.0	109	0.00
52	1,3-Dichloropropane	1.063	1.130	-6.3	106	0.00
53 M	Dibromochloromethane	0.666	0.647	2.9	96	0.00
54 M	1,2-Dibromoethane	0.680	0.691	-1.6	103	0.00
55 M	2-Chloroethyl vinyl ether	0.492	0.485	1.4	104	0.00
56 M	Bromoform	0.481	0.455	5.4	97	0.00
57 I	Chlorobenzene-d5	1.000	1.000	0.0	97	0.00
58 M	4-Methyl-2-Pentanone	0.910	0.969	-6.5	106	0.00
59 M	2-Hexanone	0.747	0.774	-3.6	103	0.00
60 S	4-Bromofluorobenzene	0.655	0.653	0.3	99	0.00
61 M	Tetrachloroethene	0.390	0.382	2.1	96	0.00
62 M	Toluene	2.130	2.224	-4.4	104	0.00
63 S	Toluene-d8	1.186	1.202	-1.3	100	0.00
64 M	Chlorobenzene	1.296	1.317	-1.6	102	0.00
65	1,1,1,2-Tetrachloroethane	0.467	0.466	0.2	99	0.00
66 M	Ethyl Benzene	2.425	2.512	-3.6	103	0.00
67 M	m/p-Xylenes	0.896	0.911	-1.7	102	0.00
68 M	o-Xylene	0.868	0.885	-2.0	103	0.00
69 M	Styrene	1.285	1.302	-1.3	103	0.00
70	Isopropylbenzene	2.323	2.378	-2.4	102	0.00
71 M	1,1,2,2-Tetrachloroethane	0.867	0.904	-4.3	106	0.00
72	1,2,3-Trichloropropane	0.734	0.785	-6.9	106	0.00
73	Bromobenzene	0.529	0.533	-0.8	104	0.00
74	n-propylbenzene	2.846	2.970	-4.4	104	0.00
75	2-Chlorotoluene	1.670	1.743	-4.4	105	0.00
76	1,3,5-Trimethylbenzene	2.001	2.035	-1.7	102	0.00
77	t-1,4-Dichloro-2-butene	0.291	0.279	4.1	102	0.00
78	4-Chlorotoluene	1.963	1.986	-1.2	102	0.00
79	tert-butylbenzene	1.903	1.935	-1.7	101	0.00
80	1,2,4-Trimethylbenzene	2.003	2.037	-1.7	102	0.00
81	sec-Butylbenzene	2.405	2.489	-3.5	105	0.00
82	p-Isopropyltoluene	2.039	2.042	-0.1	101	0.00
83 M	1,3-Dichlorobenzene	1.012	1.019	-0.7	103	0.00
84 M	1,4-Dichlorobenzene	1.038	1.033	0.5	101	0.00
85	n-Butylbenzene	2.013	2.014	-0.0	103	0.00
86 T	Hexachloroethane	0.386	0.383	0.8	101	0.00
87 M	1,2-Dichlorobenzene	0.973	0.983	-1.0	101	0.00
88	1,2-Dibromo-3-Chloropropane	0.222	0.215	3.2	98	0.00
89	1,2,4-Trichlorobenzene	0.645	0.657	-1.9	103	0.00
90	Hexachlorobutadiene	0.230	0.230	0.0	100	0.00
91 M	Naphthalene	2.379	2.291	3.7	99	0.00
92	1,2,3-Trichlorobenzene	0.625	0.630	-0.8	101	0.00

(#) = Out of Range

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