

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071422\
 Data File : VX030053.D
 Acq On : 14 Jul 2022 11:36
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC020

Quant Time: Jul 14 16:49:51 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X070822W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Sat Jul 09 02:10:54 2022
 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	92	0.00
2 M	Dichlorodifluoromethane	2.051	2.103	-2.5	90	0.00
3 M	Chloromethane	2.139	2.112	1.3	89	0.00
4 M	Vinyl Chloride	2.424	2.247	7.3	86	0.00
5 M	Bromomethane	0.999	1.053	-5.4	84	0.00
6 M	Chloroethane	1.298	1.290	0.6	87	0.00
7 M	Trichlorofluoromethane	3.073	3.046	0.9	91	0.00
8 T	Diethyl Ether	1.307	1.198	8.3	86	0.00
9	1,1,2-Trichlorotrifluoroeth	2.069	2.057	0.6	91	0.00
10 M	1,1-Dichloroethene	2.113	2.051	2.9	89	0.00
11	Methyl Iodide	1.752	2.019	-15.2	139	0.00
12	Methyl Acetate	3.441	3.435	0.2	93	0.00
13 M	Acrolein	0.404	0.185	54.2#	45#	0.00
14 M	Acrylonitrile	1.481	1.449	2.2	89	0.00
15 M	Acetone	0.402	0.402	0.0	91	0.00
16 M	Carbon Disulfide	5.515	5.253	4.8	91	0.00
17	Allyl chloride	3.723	3.511	5.7	89	0.00
18 M	Methylene Chloride	2.461	2.411	2.0	89	0.00
19 M	trans-1,2-Dichloroethene	2.293	2.176	5.1	89	0.00
20 T	Diisopropyl ether	7.458	7.128	4.4	90	0.00
21 M	1,1-Dichloroethane	4.015	3.892	3.1	90	0.00
22 M	cis-1,2-Dichloroethene	2.722	2.605	4.3	90	0.00
23 M	tert-Butyl Alcohol	0.678	0.615	9.3	88	0.00
24 M	Methyl tert-Butyl Ether	6.815	6.502	4.6	90	0.00
25 M	Chloroform	4.002	3.952	1.2	94	0.00
26	Cyclohexane	3.720	3.530	5.1	90	0.00
27 s	1,2-Dichloroethane-d4	2.446	2.386	2.5	91	0.00
28 I	1,4-Difluorobenzene	1.000	1.000	0.0	87	0.00
29	1,1-Dichloropropene	0.513	0.515	-0.4	92	0.00
30 M	2-Butanone	0.346	0.351	-1.4	90	0.00
31	2,2-Dichloropropane	0.491	0.472	3.9	88	0.00
32 M	1,1,1-Trichloroethane	0.552	0.560	-1.4	92	0.00
33 M	Carbon Tetrachloride	0.463	0.469	-1.3	92	0.00
34 M	Benzene	1.649	1.645	0.2	88	0.00
35	Methacrylonitrile	0.351	0.356	-1.4	92	0.00
36 M	1,2-Dichloroethane	0.502	0.514	-2.4	92	0.00
37 M	Trichloroethene	0.441	0.445	-0.9	90	0.00
38	Methylcyclohexane	0.666	0.674	-1.2	92	0.00
39 M	1,2-Dichloropropane	0.420	0.426	-1.4	89	0.00
40	Dibromomethane	0.285	0.283	0.7	89	0.00
41 M	Bromodichloromethane	0.508	0.522	-2.8	92	0.00
42 M	Vinyl Acetate	1.108	1.096	1.1	88	0.00
43	Ethyl Acetate	0.653	0.635	2.8	84	0.00
44	Isopropyl Acetate	0.991	0.987	0.4	90	0.00
45 T	1,4-Dioxane	0.012	0.012	0.0	92	0.00
46	Methyl methacrylate	0.470	0.478	-1.7	93	0.00
47	n-amyl Acetate	0.852	0.778	8.7	87	0.00
48 M	t-1,3-Dichloropropene	0.562	0.526	6.4	88	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	0.631	0.617	2.2	89	0.00
50 M	1,1,2-Trichloroethane	0.422	0.439	-4.0	92	0.00
51	Ethyl methacrylate	0.656	0.642	2.1	90	0.00
52	1,3-Dichloropropane	0.678	0.679	-0.1	89	0.00
53 M	Dibromochloromethane	0.390	0.389	0.3	92	0.00
54 M	1,2-Dibromoethane	0.438	0.435	0.7	89	0.00
55 M	2-Chloroethyl vinyl ether	0.338	0.361	-6.8	96	0.00
56 M	Bromoform	0.273	0.277	-1.5	96	0.00
57 I	Chlorobenzene-d5	1.000	1.000	0.0	88	0.00
58 M	4-Methyl-2-Pentanone	0.741	0.766	-3.4	92	0.00
59 M	2-Hexanone	0.573	0.590	-3.0	92	0.00
60 S	4-Bromofluorobenzene	0.565	0.582	-3.0	95	0.00
61 M	Tetrachloroethene	0.450	0.510	-13.3	96	0.00
62 M	Toluene	1.996	2.018	-1.1	89	0.00
63 S	Toluene-d8	1.627	1.661	-2.1	89	0.00
64 M	Chlorobenzene	1.192	1.203	-0.9	90	0.00
65	1,1,1,2-Tetrachloroethane	0.416	0.421	-1.2	90	0.00
66 M	Ethyl Benzene	2.121	2.146	-1.2	90	0.00
67 M	m/p-Xylenes	0.823	0.836	-1.6	89	0.00
68 M	o-Xylene	0.819	0.819	0.0	87	0.00
69 M	Styrene	1.356	1.377	-1.5	91	0.00
70	Isopropylbenzene	2.063	2.135	-3.5	93	0.00
71 M	1,1,2,2-Tetrachloroethane	0.750	0.740	1.3	88	0.00
72	1,2,3-Trichloropropane	0.674	0.681	-1.0	87	0.00
73	Bromobenzene	0.495	0.508	-2.6	93	0.00
74	n-propylbenzene	2.475	2.538	-2.5	93	0.00
75	2-Chlorotoluene	1.458	1.470	-0.8	90	0.00
76	1,3,5-Trimethylbenzene	1.732	1.776	-2.5	93	0.00
77	t-1,4-Dichloro-2-butene	0.232	0.216	6.9	89	0.00
78	4-Chlorotoluene	1.636	1.662	-1.6	92	0.00
79	tert-butylbenzene	1.685	1.690	-0.3	92	0.00
80	1,2,4-Trimethylbenzene	1.781	1.740	2.3	91	0.00
81	sec-Butylbenzene	2.281	2.289	-0.4	92	0.00
82	p-Isopropyltoluene	1.836	1.813	1.3	90	0.00
83 M	1,3-Dichlorobenzene	0.957	0.950	0.7	91	0.00
84 M	1,4-Dichlorobenzene	0.971	0.958	1.3	90	0.00
85	n-Butylbenzene	1.723	1.619	6.0	90	0.00
86 T	Hexachloroethane	0.305	0.294	3.6	94	0.00
87 M	1,2-Dichlorobenzene	0.945	0.961	-1.7	92	0.00
88	1,2-Dibromo-3-Chloropropane	0.171	0.161	5.8	88	0.00
89	1,2,4-Trichlorobenzene	0.585	0.580	0.9	91	0.00
90	Hexachlorobutadiene	0.222	0.240	-8.1	104	0.00
91 M	Naphthalene	2.333	2.287	2.0	89	0.00
92	1,2,3-Trichlorobenzene	0.596	0.615	-3.2	97	0.00

(#) = Out of Range

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