

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX011822\
 Data File : VX026495.D
 Acq On : 18 Jan 2022 12:36
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC020

Quant Time: Jan 19 07:30:38 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X011022W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Mon Jan 10 12:50:55 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	91	0.00
2 M	Dichlorodifluoromethane	1.807	1.884	-4.3	79	0.00
3 M	Chloromethane	1.579	1.696	-7.4	85	0.00
4 M	Vinyl Chloride	1.745	1.840	-5.4	85	0.00
5 M	Bromomethane	0.786	0.884	-12.5	87	0.00
6 M	Chloroethane	0.990	1.074	-8.5	84	0.00
7 M	Trichlorofluoromethane	2.766	2.848	-3.0	82	0.00
8 T	Diethyl Ether	0.987	0.998	-1.1	82	0.00
9	1,1,2-Trichlorotrifluoroeth	1.726	1.852	-7.3	85	0.00
10 M	1,1-Dichloroethene	1.613	1.709	-6.0	86	0.00
11	Methyl Iodide	1.751	2.161	-23.4	109	0.00
12	Methyl Acetate	3.378	3.520	-4.2	85	0.00
13 M	Acrolein	0.350	0.392	-12.0	113	0.00
14 M	Acrylonitrile	0.942	0.992	-5.3	85	0.00
15 M	Acetone	0.296	0.344	-16.2	87	0.00
16 M	Carbon Disulfide	4.554	4.572	-0.4	82	0.00
17	Allyl chloride	3.104	3.192	-2.8	86	0.00
18 M	Methylene Chloride	1.776	1.830	-3.0	84	0.00
19 M	trans-1,2-Dichloroethene	1.733	1.835	-5.9	87	0.00
20 T	Diisopropyl ether	6.032	6.330	-4.9	83	0.00
21 M	1,1-Dichloroethane	3.321	3.474	-4.6	85	0.00
22 M	cis-1,2-Dichloroethene	2.028	2.133	-5.2	87	0.00
23 M	tert-Butyl Alcohol	0.342	0.334	2.3	86	0.00
24 M	Methyl tert-Butyl Ether	5.997	6.102	-1.8	82	0.00
25 M	Chloroform	3.441	3.757	-9.2	88	0.00
26	Cyclohexane	3.038	3.173	-4.4	84	0.00
27 s	1,2-Dichloroethane-d4	2.412	2.319	3.9	85	0.00
28 I	1,4-Difluorobenzene	1.000	1.000	0.0	90	0.00
29	1,1-Dichloropropene	0.463	0.476	-2.8	85	0.00
30 M	2-Butanone	0.269	0.274	-1.9	81	0.00
31	2,2-Dichloropropane	0.480	0.457	4.8	80	0.00
32 M	1,1,1-Trichloroethane	0.564	0.562	0.4	82	0.00
33 M	Carbon Tetrachloride	0.500	0.503	-0.6	83	0.00
34 M	Benzene	1.285	1.352	-5.2	86	0.00
35	Methacrylonitrile	0.282	0.288	-2.1	84	-0.01
36 M	1,2-Dichloroethane	0.519	0.516	0.6	82	0.00
37 M	Trichloroethene	0.371	0.377	-1.6	84	0.00
38	Methylcyclohexane	0.555	0.585	-5.4	85	0.00
39 M	1,2-Dichloropropane	0.329	0.342	-4.0	85	0.00
40	Dibromomethane	0.231	0.238	-3.0	85	0.00
41 M	Bromodichloromethane	0.476	0.491	-3.2	84	0.00
42 M	Vinyl Acetate	0.834	0.855	-2.5	84	0.00
43	Ethyl Acetate	0.489	0.510	-4.3	86	0.00
44	Isopropyl Acetate	0.808	0.794	1.7	81	0.00
45 T	1,4-Dioxane	0.006	0.007	-16.7	89	0.00
46	Methyl methacrylate	0.396	0.397	-0.3	82	0.00
47	n-amyl Acetate	0.604	0.607	-0.5	82	0.00
48 M	t-1,3-Dichloropropene	0.476	0.466	2.1	82	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	0.526	0.537	-2.1	85	0.00
50 M	1,1,2-Trichloroethane	0.317	0.331	-4.4	85	0.00
51	Ethyl methacrylate	0.506	0.510	-0.8	83	0.00
52	1,3-Dichloropropane	0.550	0.576	-4.7	85	0.00
53 M	Dibromochloromethane	0.345	0.351	-1.7	83	0.00
54 M	1,2-Dibromoethane	0.337	0.344	-2.1	84	0.00
55 M	2-Chloroethyl vinyl ether	0.271	0.256	5.5	82	0.00
56 M	Bromoform	0.229	0.228	0.4	85	0.00
57 I	Chlorobenzene-d5	1.000	1.000	0.0	91	0.00
58 M	4-Methyl-2-Pentanone	0.560	0.587	-4.8	83	0.00
59 M	2-Hexanone	0.433	0.458	-5.8	82	0.00
60 S	4-Bromofluorobenzene	0.501	0.497	0.8	90	0.00
61 M	Tetrachloroethene	0.442	0.477	-7.9	87	0.00
62 M	Toluene	1.602	1.675	-4.6	85	0.00
63 S	Toluene-d8	1.378	1.379	-0.1	90	0.00
64 M	Chlorobenzene	0.972	1.015	-4.4	84	0.00
65	1,1,1,2-Tetrachloroethane	0.370	0.384	-3.8	84	0.00
66 M	Ethyl Benzene	1.792	1.867	-4.2	84	0.00
67 M	m/p-Xylenes	0.666	0.709	-6.5	86	0.00
68 M	o-Xylene	0.646	0.690	-6.8	85	0.00
69 M	Styrene	1.073	1.130	-5.3	87	0.00
70	Isopropylbenzene	1.733	1.831	-5.7	85	0.00
71 M	1,1,2,2-Tetrachloroethane	0.472	0.497	-5.3	87	0.00
72	1,2,3-Trichloropropane	0.479	0.510	-6.5	86	0.00
73	Bromobenzene	0.397	0.417	-5.0	85	0.00
74	n-propylbenzene	2.001	2.140	-6.9	87	0.00
75	2-Chlorotoluene	1.202	1.264	-5.2	85	0.00
76	1,3,5-Trimethylbenzene	1.447	1.528	-5.6	85	0.00
77	t-1,4-Dichloro-2-butene	0.144	0.136	5.6	85	0.00
78	4-Chlorotoluene	1.371	1.448	-5.6	86	0.00
79	tert-butylbenzene	1.340	1.391	-3.8	84	0.00
80	1,2,4-Trimethylbenzene	1.429	1.490	-4.3	84	0.00
81	sec-Butylbenzene	1.755	1.866	-6.3	86	0.00
82	p-Isopropyltoluene	1.482	1.552	-4.7	85	0.00
83 M	1,3-Dichlorobenzene	0.738	0.775	-5.0	87	0.00
84 M	1,4-Dichlorobenzene	0.740	0.780	-5.4	87	0.00
85	n-Butylbenzene	1.283	1.351	-5.3	87	0.00
86 T	Hexachloroethane	0.224	0.224	0.0	84	0.00
87 M	1,2-Dichlorobenzene	0.709	0.746	-5.2	86	0.00
88	1,2-Dibromo-3-Chloropropane	0.120	0.116	3.3	81	0.00
89	1,2,4-Trichlorobenzene	0.464	0.482	-3.9	89	0.00
90	Hexachlorobutadiene	0.203	0.209	-3.0	85	0.00
91 M	Naphthalene	1.605	1.639	-2.1	86	0.00
92	1,2,3-Trichlorobenzene	0.462	0.481	-4.1	87	0.00

(#) = Out of Range

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