

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX011822\
 Data File : VX026505.D
 Acq On : 18 Jan 2022 17:17
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC020

Quant Time: Jan 19 07:32:25 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	83	0.00
2 M	Dichlorodifluoromethane	1.807	1.866	-3.3	72	0.00
3 M	Chloromethane	1.579	1.719	-8.9	79	0.00
4 M	Vinyl Chloride	1.745	1.814	-4.0	76	0.00
5 M	Bromomethane	0.786	0.891	-13.4	81	0.00
6 M	Chloroethane	0.990	1.076	-8.7	77	0.00
7 M	Trichlorofluoromethane	2.766	2.735	1.1	72	0.00
8 T	Diethyl Ether	0.987	1.007	-2.0	76	0.00
9	1,1,2-Trichlorotrifluoroeth	1.726	1.772	-2.7	74	0.00
10 M	1,1-Dichloroethene	1.613	1.644	-1.9	76	0.00
11	Methyl Iodide	1.751	2.183	-24.7	101	0.00
12	Methyl Acetate	3.378	3.515	-4.1	78	0.00
13 M	Acrolein	0.350	0.427	-22.0	113	0.00
14 M	Acrylonitrile	0.942	1.007	-6.9	79	0.00
15 M	Acetone	0.296	0.306	-3.4	71	0.00
16 M	Carbon Disulfide	4.554	4.374	4.0	72	0.00
17	Allyl chloride	3.104	3.031	2.4	74	0.00
18 M	Methylene Chloride	1.776	1.863	-4.9	78	0.00
19 M	trans-1,2-Dichloroethene	1.733	1.763	-1.7	76	0.00
20 T	Diisopropyl ether	6.032	6.241	-3.5	75	0.00
21 M	1,1-Dichloroethane	3.321	3.379	-1.7	75	0.00
22 M	cis-1,2-Dichloroethene	2.028	2.086	-2.9	78	0.00
23 M	tert-Butyl Alcohol	0.342	0.295	13.7	70	0.00
24 M	Methyl tert-Butyl Ether	5.997	5.916	1.4	73	0.00
25 M	Chloroform	3.441	3.662	-6.4	78	0.00
26	Cyclohexane	3.038	3.064	-0.9	74	0.00
27 s	1,2-Dichloroethane-d4	2.412	2.350	2.6	79	0.00
28 I	1,4-Difluorobenzene	1.000	1.000	0.0	82	0.00
29	1,1-Dichloropropene	0.463	0.457	1.3	75	0.00
30 M	2-Butanone	0.269	0.272	-1.1	73	0.00
31	2,2-Dichloropropane	0.480	0.425	11.5	68	0.00
32 M	1,1,1-Trichloroethane	0.564	0.547	3.0	73	0.00
33 M	Carbon Tetrachloride	0.500	0.479	4.2	72	0.00
34 M	Benzene	1.285	1.318	-2.6	77	0.00
35	Methacrylonitrile	0.282	0.300	-6.4	80	0.00
36 M	1,2-Dichloroethane	0.519	0.511	1.5	74	0.00
37 M	Trichloroethene	0.371	0.373	-0.5	76	0.00
38	Methylcyclohexane	0.555	0.551	0.7	73	0.00
39 M	1,2-Dichloropropane	0.329	0.339	-3.0	77	0.00
40	Dibromomethane	0.231	0.237	-2.6	78	0.00
41 M	Bromodichloromethane	0.476	0.482	-1.3	76	0.00
42 M	Vinyl Acetate	0.834	0.839	-0.6	75	0.00
43	Ethyl Acetate	0.489	0.507	-3.7	78	0.00
44	Isopropyl Acetate	0.808	0.800	1.0	75	0.00
45 T	1,4-Dioxane	0.006	0.006	0.0	71	0.00
46	Methyl methacrylate	0.396	0.405	-2.3	76	0.00
47	n-amyl Acetate	0.604	0.602	0.3	75	0.00
48 M	t-1,3-Dichloropropene	0.476	0.460	3.4	74	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	0.526	0.519	1.3	75	0.00
50 M	1,1,2-Trichloroethane	0.317	0.337	-6.3	79	0.00
51	Ethyl methacrylate	0.506	0.527	-4.2	78	0.00
52	1,3-Dichloropropane	0.550	0.590	-7.3	80	0.00
53 M	Dibromochloromethane	0.345	0.349	-1.2	75	0.00
54 M	1,2-Dibromoethane	0.337	0.350	-3.9	78	0.00
55 M	2-Chloroethyl vinyl ether	0.271	0.276	-1.8	81	0.00
56 M	Bromoform	0.229	0.222	3.1	75	0.00
57 I	Chlorobenzene-d5	1.000	1.000	0.0	85	0.00
58 M	4-Methyl-2-Pentanone	0.560	0.587	-4.8	78	0.00
59 M	2-Hexanone	0.433	0.436	-0.7	73	0.00
60 S	4-Bromofluorobenzene	0.501	0.491	2.0	84	0.00
61 M	Tetrachloroethene	0.442	0.450	-1.8	77	0.00
62 M	Toluene	1.602	1.643	-2.6	79	0.00
63 S	Toluene-d8	1.378	1.370	0.6	84	0.00
64 M	Chlorobenzene	0.972	1.000	-2.9	78	0.00
65	1,1,1,2-Tetrachloroethane	0.370	0.377	-1.9	78	0.00
66 M	Ethyl Benzene	1.792	1.824	-1.8	78	0.00
67 M	m/p-Xylenes	0.666	0.685	-2.9	78	0.00
68 M	o-Xylene	0.646	0.671	-3.9	78	0.00
69 M	Styrene	1.073	1.088	-1.4	78	0.00
70	Isopropylbenzene	1.733	1.799	-3.8	78	0.00
71 M	1,1,2,2-Tetrachloroethane	0.472	0.481	-1.9	79	0.00
72	1,2,3-Trichloropropane	0.479	0.483	-0.8	77	0.00
73	Bromobenzene	0.397	0.402	-1.3	77	0.00
74	n-propylbenzene	2.001	2.023	-1.1	77	0.00
75	2-Chlorotoluene	1.202	1.226	-2.0	78	0.00
76	1,3,5-Trimethylbenzene	1.447	1.479	-2.2	77	0.00
77	t-1,4-Dichloro-2-butene	0.144	0.131	9.0	77	0.00
78	4-Chlorotoluene	1.371	1.377	-0.4	77	0.00
79	tert-butylbenzene	1.340	1.368	-2.1	78	0.00
80	1,2,4-Trimethylbenzene	1.429	1.450	-1.5	77	0.00
81	sec-Butylbenzene	1.755	1.779	-1.4	77	0.00
82	p-Isopropyltoluene	1.482	1.481	0.1	76	0.00
83 M	1,3-Dichlorobenzene	0.738	0.738	0.0	78	0.00
84 M	1,4-Dichlorobenzene	0.740	0.735	0.7	77	0.00
85	n-Butylbenzene	1.283	1.254	2.3	76	0.00
86 T	Hexachloroethane	0.224	0.211	5.8	74	0.00
87 M	1,2-Dichlorobenzene	0.709	0.725	-2.3	79	0.00
88	1,2-Dibromo-3-Chloropropane	0.120	0.107	10.8	70	0.00
89	1,2,4-Trichlorobenzene	0.464	0.444	4.3	77	0.00
90	Hexachlorobutadiene	0.203	0.192	5.4	74	0.00
91 M	Naphthalene	1.605	1.538	4.2	76	0.00
92	1,2,3-Trichlorobenzene	0.462	0.442	4.3	75	0.00

(#) = Out of Range

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