

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021022\
 Data File : VX026937.D
 Acq On : 10 Feb 2022 21:46
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC020

Quant Time: Feb 11 03:42:06 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	73	0.00
2 M	Dichlorodifluoromethane	1.807	1.586	12.2	53	0.00
3 M	Chloromethane	1.579	1.486	5.9	60	0.00
4 M	Vinyl Chloride	1.745	1.552	11.1	57	0.00
5 M	Bromomethane	0.786	0.718	8.7	57	0.00
6 M	Chloroethane	0.990	0.968	2.2	61	0.00
7 M	Trichlorofluoromethane	2.766	2.322	16.1	53	0.00
8 T	Diethyl Ether	0.987	0.863	12.6	57	0.00
9	1,1,2-Trichlorotrifluoroeth	1.726	1.528	11.5	56	0.00
10 M	1,1-Dichloroethene	1.613	1.475	8.6	59	0.00
11	Methyl Iodide	1.751	1.833	-4.7	74	0.00
12	Methyl Acetate	3.378	3.389	-0.3	66	0.00
13 M	Acrolein	0.350	0.359	-2.6	83	0.00
14 M	Acrylonitrile	0.942	0.978	-3.8	67	0.00
15 M	Acetone	0.296	0.259	12.5	53	0.00
16 M	Carbon Disulfide	4.554	3.796	16.6	55	0.00
17	Allyl chloride	3.104	2.707	12.8	58	0.00
18 M	Methylene Chloride	1.776	1.686	5.1	62	0.00
19 M	trans-1,2-Dichloroethene	1.733	1.561	9.9	59	0.00
20 T	Diisopropyl ether	6.032	5.498	8.9	58	0.00
21 M	1,1-Dichloroethane	3.321	2.982	10.2	58	0.00
22 M	cis-1,2-Dichloroethene	2.028	1.870	7.8	61	0.00
23 M	tert-Butyl Alcohol	0.342	0.305	10.8	63	-0.01
24 M	Methyl tert-Butyl Ether	5.997	5.237	12.7	57	0.00
25 M	Chloroform	3.441	3.072	10.7	57	0.00
26	Cyclohexane	3.038	2.676	11.9	56	0.01
27 s	1,2-Dichloroethane-d4	2.412	2.259	6.3	67	0.00
28 I	1,4-Difluorobenzene	1.000	1.000	0.0	72	0.00
29	1,1-Dichloropropene	0.463	0.400	13.6	57	0.00
30 M	2-Butanone	0.269	0.243	9.7	57	0.00
31	2,2-Dichloropropane	0.480	0.345	28.1#	48#	0.00
32 M	1,1,1-Trichloroethane	0.564	0.472	16.3	55	0.00
33 M	Carbon Tetrachloride	0.500	0.415	17.0	55	0.00
34 M	Benzene	1.285	1.187	7.6	60	0.00
35	Methacrylonitrile	0.282	0.263	6.7	61	0.00
36 M	1,2-Dichloroethane	0.519	0.447	13.9	57	0.00
37 M	Trichloroethene	0.371	0.348	6.2	62	0.00
38	Methylcyclohexane	0.555	0.480	13.5	56	0.00
39 M	1,2-Dichloropropane	0.329	0.300	8.8	60	0.00
40	Dibromomethane	0.231	0.217	6.1	62	0.00
41 M	Bromodichloromethane	0.476	0.413	13.2	57	0.00
42 M	Vinyl Acetate	0.834	0.742	11.0	58	0.00
43	Ethyl Acetate	0.489	0.470	3.9	63	0.00
44	Isopropyl Acetate	0.808	0.731	9.5	60	0.00
45 T	1,4-Dioxane	0.006	0.006	0.0	65	0.00
46	Methyl methacrylate	0.396	0.360	9.1	59	0.00
47	n-amyl Acetate	0.604	0.566	6.3	61	0.00
48 M	t-1,3-Dichloropropene	0.476	0.396	16.8	56	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	0.526	0.454	13.7	58	0.00
50 M	1,1,2-Trichloroethane	0.317	0.309	2.5	63	0.00
51	Ethyl methacrylate	0.506	0.488	3.6	63	0.00
52	1,3-Dichloropropane	0.550	0.534	2.9	63	0.00
53 M	Dibromochloromethane	0.345	0.318	7.8	60	0.00
54 M	1,2-Dibromoethane	0.337	0.324	3.9	63	0.00
55 M	2-Chloroethyl vinyl ether	0.271	0.243	10.3	62	0.00
56 M	Bromoform	0.229	0.208	9.2	62	0.00
57 I	Chlorobenzene-d5	1.000	1.000	0.0	77	0.00
58 M	4-Methyl-2-Pentanone	0.560	0.538	3.9	65	0.00
59 M	2-Hexanone	0.433	0.403	6.9	61	0.00
60 S	4-Bromofluorobenzene	0.501	0.488	2.6	75	0.00
61 M	Tetrachloroethene	0.442	0.409	7.5	63	0.00
62 M	Toluene	1.602	1.437	10.3	62	0.00
63 S	Toluene-d8	1.378	1.330	3.5	74	0.00
64 M	Chlorobenzene	0.972	0.909	6.5	64	0.00
65	1,1,1,2-Tetrachloroethane	0.370	0.339	8.4	63	0.00
66 M	Ethyl Benzene	1.792	1.618	9.7	62	0.00
67 M	m/p-Xylenes	0.666	0.617	7.4	64	0.00
68 M	o-Xylene	0.646	0.605	6.3	64	0.00
69 M	Styrene	1.073	1.007	6.2	66	0.00
70	Isopropylbenzene	1.733	1.609	7.2	63	0.00
71 M	1,1,2,2-Tetrachloroethane	0.472	0.444	5.9	66	0.00
72	1,2,3-Trichloropropane	0.479	0.459	4.2	66	0.00
73	Bromobenzene	0.397	0.374	5.8	65	0.00
74	n-propylbenzene	2.001	1.801	10.0	62	0.00
75	2-Chlorotoluene	1.202	1.106	8.0	64	0.00
76	1,3,5-Trimethylbenzene	1.447	1.323	8.6	63	0.00
77	t-1,4-Dichloro-2-butene	0.144	0.114	20.8	60	0.00
78	4-Chlorotoluene	1.371	1.235	9.9	62	0.00
79	tert-butylbenzene	1.340	1.233	8.0	63	0.00
80	1,2,4-Trimethylbenzene	1.429	1.302	8.9	62	0.00
81	sec-Butylbenzene	1.755	1.606	8.5	63	0.00
82	p-Isopropyltoluene	1.482	1.332	10.1	62	0.00
83 M	1,3-Dichlorobenzene	0.738	0.687	6.9	66	0.00
84 M	1,4-Dichlorobenzene	0.740	0.689	6.9	65	0.00
85	n-Butylbenzene	1.283	1.093	14.8	60	0.00
86 T	Hexachloroethane	0.224	0.192	14.3	61	0.00
87 M	1,2-Dichlorobenzene	0.709	0.663	6.5	65	0.00
88	1,2-Dibromo-3-Chloropropane	0.120	0.097	19.2	58	0.00
89	1,2,4-Trichlorobenzene	0.464	0.401	13.6	63	0.00
90	Hexachlorobutadiene	0.203	0.166	18.2	58	0.00
91 M	Naphthalene	1.605	1.432	10.8	64	0.00
92	1,2,3-Trichlorobenzene	0.462	0.406	12.1	63	0.00

(#) = Out of Range

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