

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\WX121620\
 Data File : VX020058.D
 Acq On : 16 Dec 2020 11:48
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC020

Quant Time: Dec 17 00:30:17 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\624X120820W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Dec 09 06:09:21 2020
 Response via : Initial Calibration

Min. RRF : 0.050 Min. Rel. Area : 20% Max. R.T. Dev 0.50min
 Max. RRF Dev : 30% Max. Rel. Area : 150%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1 I	Bromochloromethane	1.000	1.000	0.0	84	0.00
2 M	Dichlorodifluoromethane	1.595	1.403	12.0	72	0.00
3 M	Chloromethane	1.701	1.534	9.8	74	0.00
4 M	Vinyl Chloride	1.969	1.827	7.2	77	0.00
5 M	Bromomethane	0.762	1.004	-31.8#	72	0.00
6 M	Chloroethane	1.242	1.231	0.9	83	0.00
7 M	Trichlorofluoromethane	2.773	2.725	1.7	81	0.00
8 T	Diethyl Ether	1.151	1.153	-0.2	82	0.00
9	1,1,2-Trichlorotrifluoroeth	1.595	1.578	1.1	81	0.00
10 M	1,1-Dichloroethene	1.619	1.516	6.4	79	0.00
11	Methyl Iodide	2.117	1.542	27.2	66	0.00
12	Methyl Acetate	2.109	2.306	-9.3	93	0.00
13 M	Acrolein	0.299	0.247	17.4	75	0.00
14 M	Acrylonitrile	1.025	1.052	-2.6	88	0.00
15 M	Acetone	0.305	0.333	-9.2	92	0.00
16 M	Carbon Disulfide	4.432	3.604	18.7	69	0.00
17	Allyl chloride	2.666	2.613	2.0	83	0.00
18 M	Methylene Chloride	1.998	1.996	0.1	83	0.00
19 M	trans-1,2-Dichloroethene	1.878	1.791	4.6	80	0.00
20 T	Diisopropyl ether	5.531	5.854	-5.8	88	0.00
21 M	1,1-Dichloroethane	3.312	3.351	-1.2	83	0.00
22 M	cis-1,2-Dichloroethene	2.171	2.127	2.0	82	0.00
23 M	tert-Butyl Alcohol	0.483	0.417	13.7	80	0.00
24 M	Methyl tert-Butyl Ether	5.895	5.849	0.8	82	0.00
25 M	Chloroform	3.417	3.514	-2.8	85	0.00
26	Cyclohexane	2.843	2.663	6.3	79	0.00
27 s	1,2-Dichloroethane-d4	2.079	2.171	-4.4	88	0.00
28 I	1,4-Difluorobenzene	1.000	1.000	0.0	84	0.00
29	1,1-Dichloropropene	0.466	0.451	3.2	80	0.00
30 M	2-Butanone	0.247	0.260	-5.3	89	0.00
31	2,2-Dichloropropane	0.526	0.521	1.0	81	0.00
32 M	1,1,1-Trichloroethane	0.539	0.535	0.7	81	0.00
33 M	Carbon Tetrachloride	0.464	0.450	3.0	80	0.00
34 M	Benzene	1.424	1.439	-1.1	83	0.00
35	Methacrylonitrile	0.255	0.266	-4.3	87	0.00
36 M	1,2-Dichloroethane	0.489	0.509	-4.1	85	0.00
37 M	Trichloroethene	0.374	0.364	2.7	82	0.00
38	Methylcyclohexane	0.554	0.531	4.2	79	0.00
39 M	1,2-Dichloropropane	0.358	0.375	-4.7	87	0.00
40	Dibromomethane	0.245	0.244	0.4	83	0.00
41 M	Bromodichloromethane	0.487	0.491	-0.8	84	0.00
42 M	Vinyl Acetate	0.864	0.882	-2.1	84	0.00
43	Ethyl Acetate	0.467	0.473	-1.3	85	0.00
44	Isopropyl Acetate	0.761	0.753	1.1	83	0.00
45 T	1,4-Dioxane	0.009	0.009#	0.0	78	0.00
46	Methyl methacrylate	0.375	0.371	1.1	83	0.00
47	n-aryl Acetate	0.652	0.619	5.1	83	0.00
48 M	t-1,3-Dichloropropene	0.542	0.523	3.5	81	0.00
49 T	cis-1,3-Dichloropropene	0.593	0.580	2.2	82	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
50 M	1,1,2-Trichloroethane	0.365	0.379	-3.8	86	0.00
51	Ethyl methacrylate	0.560	0.535	4.5	82	0.00
52	1,3-Dichloropropane	0.615	0.636	-3.4	86	0.00
53 M	Dibromochloromethane	0.385	0.369	4.2	81	0.00
54 M	1,2-Dibromoethane	0.387	0.384	0.8	81	0.00
55 M	2-Chloroethyl vinyl ether	0.290	0.285	1.7	80	0.00
56 M	Bromoform	0.287	0.258	10.1	78	0.00
57 I	Chlorobenzene-d5	1.000	1.000	0.0	85	0.00
58 M	4-Methyl-2-Pentanone	0.513	0.528	-2.9	87	0.00
59 M	2-Hexanone	0.400	0.407	-1.7	87	0.00
60 S	4-Bromofluorobenzene	0.504	0.502	0.4	85	0.00
61 M	Tetrachloroethene	0.354	0.366	-3.4	84	0.00
62 M	Toluene	1.656	1.674	-1.1	83	0.00
63 S	Toluene-d8	1.314	1.364	-3.8	86	0.00
64 M	Chlorobenzene	1.039	1.015	2.3	81	0.00
65	1,1,1,2-Tetrachloroethane	0.385	0.385	0.0	82	0.00
66 M	Ethyl Benzene	1.860	1.825	1.9	81	0.00
67 M	m/p-Xylenes	0.703	0.686	2.4	80	0.00
68 M	o-Xylene	0.682	0.653	4.3	80	0.00
69 M	Styrene	1.159	1.114	3.9	80	0.00
70	Isopropylbenzene	1.818	1.780	2.1	80	0.00
71 M	1,1,2,2-Tetrachloroethane	0.629	0.633	-0.6	84	0.00
72	1,2,3-Trichloropropane	0.587	0.591	-0.7	84	0.00
73	Bromobenzene	0.463	0.436	5.8	79	0.00
74	n-propylbenzene	2.102	2.096	0.3	83	0.00
75	2-Chlorotoluene	1.276	1.266	0.8	83	0.00
76	1,3,5-Trimethylbenzene	1.541	1.516	1.6	82	0.00
77	t-1,4-Dichloro-2-butene	0.212	0.180	15.1	75	0.00
78	4-Chlorotoluene	1.475	1.470	0.3	83	0.00
79	tert-butylbenzene	1.508	1.426	5.4	82	0.00
80	1,2,4-Trimethylbenzene	1.547	1.517	1.9	82	0.00
81	sec-Butylbenzene	1.746	1.734	0.7	82	0.00
82	p-Isopropyltoluene	1.600	1.580	1.3	83	0.00
83 M	1,3-Dichlorobenzene	0.834	0.802	3.8	82	0.00
84 M	1,4-Dichlorobenzene	0.839	0.798	4.9	80	0.00
85	n-Butylbenzene	1.407	1.382	1.8	83	0.00
86 T	Hexachloroethane	0.282	0.255	9.6	79	0.00
87 M	1,2-Dichlorobenzene	0.820	0.791	3.5	80	0.00
88	1,2-Dibromo-3-Chloropropane	0.137	0.127	7.3	83	0.00
89	1,2,4-Trichlorobenzene	0.541	0.520	3.9	82	0.00
90	Hexachlorobutadiene	0.237	0.242	-2.1	86	0.00
91 M	Naphthalene	1.772	1.654	6.7	81	0.00
92	1,2,3-Trichlorobenzene	0.531	0.518	2.4	84	0.00

(#) = Out of Range

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