

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050522\
 Data File : VX028537.D
 Acq On : 05 May 2022 16:37
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC020

Quant Time: May 06 02:27:40 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X042822W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Apr 29 06:09:36 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	77	0.00
2 M	Dichlorodifluoromethane	1.061	1.020	3.9	73	0.00
3 M	Chloromethane	0.837	0.860	-2.7	79	0.00
4 M	Vinyl Chloride	1.064	1.133	-6.5	82	0.00
5 M	Bromomethane	0.876	0.713	18.6	64	0.00
6 M	Chloroethane	0.819	0.912	-11.4	87	0.00
7 M	Trichlorofluoromethane	2.326	2.461	-5.8	83	0.00
8 T	Diethyl Ether	0.917	0.976	-6.4	84	0.00
9	1,1,2-Trichlorotrifluoroeth	1.368	1.376	-0.6	82	0.00
10 M	1,1-Dichloroethene	1.131	1.110	1.9	80	0.00
11	Methyl Iodide	1.519	0.872	42.6#	49#	0.00
12	Methyl Acetate	1.806	1.781	1.4	76	0.00
13 M	Acrolein	0.366	0.347	5.2	77	0.00
14 M	Acrylonitrile	0.822	0.815	0.9	76	0.00
15 M	Acetone	0.233	0.223	4.3	73	0.00
16 M	Carbon Disulfide	1.337	1.565	-17.1	99	0.00
17	Allyl chloride	1.699	1.641	3.4	77	0.00
18 M	Methylene Chloride	1.453	1.461	-0.6	80	0.00
19 M	trans-1,2-Dichloroethene	1.249	1.264	-1.2	80	0.00
20 T	Diisopropyl ether	4.224	4.343	-2.8	80	0.00
21 M	1,1-Dichloroethane	2.497	2.546	-2.0	80	0.00
22 M	cis-1,2-Dichloroethene	1.759	1.755	0.2	79	0.00
23 M	tert-Butyl Alcohol	0.444	0.353	20.5	62	0.00
24 M	Methyl tert-Butyl Ether	4.973	4.891	1.6	77	0.00
25 M	Chloroform	2.934	3.074	-4.8	83	0.00
26	Cyclohexane	1.578	1.643	-4.1	81	0.00
27 s	1,2-Dichloroethane-d4	1.908	2.031	-6.4	81	0.00
28 I	1,4-Difluorobenzene	1.000	1.000	0.0	75	0.00
29	1,1-Dichloropropene	0.319	0.336	-5.3	81	0.00
30 M	2-Butanone	0.201	0.200	0.5	74	0.00
31	2,2-Dichloropropane	0.392	0.367	6.4	74	0.00
32 M	1,1,1-Trichloroethane	0.449	0.468	-4.2	82	0.00
33 M	Carbon Tetrachloride	0.382	0.396	-3.7	82	0.00
34 M	Benzene	1.016	1.074	-5.7	81	0.00
35	Methacrylonitrile	0.203	0.204	-0.5	75	0.00
36 M	1,2-Dichloroethane	0.379	0.404	-6.6	81	0.00
37 M	Trichloroethene	0.311	0.318	-2.3	80	0.00
38	Methylcyclohexane	0.327	0.354	-8.3	83	0.00
39 M	1,2-Dichloropropane	0.267	0.284	-6.4	82	0.00
40	Dibromomethane	0.205	0.221	-7.8	82	0.00
41 M	Bromodichloromethane	0.389	0.427	-9.8	89	0.00
42 M	Vinyl Acetate	0.623	0.660	-5.9	80	0.00
43	Ethyl Acetate	0.376	0.379	-0.8	76	0.00
44	Isopropyl Acetate	0.607	0.609	-0.3	78	0.00
45 T	1,4-Dioxane	0.008	0.007	12.5	68	0.00
46	Methyl methacrylate	0.277	0.282	-1.8	79	0.00
47	n-amyl Acetate	0.525	0.521	0.8	79	0.00
48 M	t-1,3-Dichloropropene	0.408	0.403	1.2	82	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	0.439	0.445	-1.4	81	0.00
50 M	1,1,2-Trichloroethane	0.322	0.344	-6.8	83	0.00
51	Ethyl methacrylate	0.461	0.466	-1.1	80	0.00
52	1,3-Dichloropropane	0.504	0.538	-6.7	82	0.00
53 M	Dibromochloromethane	0.330	0.350	-6.1	88	0.00
54 M	1,2-Dibromoethane	0.335	0.352	-5.1	81	0.00
55 M	2-Chloroethyl vinyl ether	0.242	0.240	0.8	78	0.00
56 M	Bromoform	0.254	0.258	-1.6	91	0.00
57 I	Chlorobenzene-d5	1.000	1.000	0.0	79	0.00
58 M	4-Methyl-2-Pentanone	0.436	0.447	-2.5	78	0.00
59 M	2-Hexanone	0.338	0.338	0.0	76	0.00
60 S	4-Bromofluorobenzene	0.467	0.467	0.0	79	0.00
61 M	Tetrachloroethene	0.331	0.337	-1.8	81	0.00
62 M	Toluene	1.301	1.350	-3.8	82	0.00
63 S	Toluene-d8	1.271	1.295	-1.9	79	0.00
64 M	Chlorobenzene	0.918	0.948	-3.3	82	0.00
65	1,1,1,2-Tetrachloroethane	0.359	0.363	-1.1	83	0.00
66 M	Ethyl Benzene	1.534	1.587	-3.5	82	0.00
67 M	m/p-Xylenes	0.615	0.635	-3.3	82	0.00
68 M	o-Xylene	0.625	0.634	-1.4	81	0.00
69 M	Styrene	1.044	1.055	-1.1	81	0.00
70	Isopropylbenzene	1.626	1.698	-4.4	82	0.00
71 M	1,1,2,2-Tetrachloroethane	0.552	0.585	-6.0	83	0.00
72	1,2,3-Trichloropropane	0.491	0.502	-2.2	80	0.00
73	Bromobenzene	0.438	0.429	2.1	80	0.00
74	n-propylbenzene	1.813	1.936	-6.8	86	0.00
75	2-Chlorotoluene	1.123	1.160	-3.3	82	0.00
76	1,3,5-Trimethylbenzene	1.363	1.428	-4.8	83	0.00
77	t-1,4-Dichloro-2-butene	0.149	0.121	18.8	75	0.00
78	4-Chlorotoluene	1.270	1.321	-4.0	84	0.00
79	tert-butylbenzene	1.383	1.418	-2.5	84	0.00
80	1,2,4-Trimethylbenzene	1.369	1.406	-2.7	82	0.00
81	sec-Butylbenzene	1.640	1.759	-7.3	87	0.00
82	p-Isopropyltoluene	1.423	1.504	-5.7	86	0.00
83 M	1,3-Dichlorobenzene	0.822	0.834	-1.5	83	0.00
84 M	1,4-Dichlorobenzene	0.836	0.826	1.2	81	0.00
85	n-Butylbenzene	1.149	1.215	-5.7	88	0.00
86 T	Hexachloroethane	0.224	0.221	1.3	88	0.00
87 M	1,2-Dichlorobenzene	0.828	0.847	-2.3	83	0.00
88	1,2-Dibromo-3-Chloropropane	0.118	0.114	3.4	80	0.00
89	1,2,4-Trichlorobenzene	0.517	0.506	2.1	83	0.00
90	Hexachlorobutadiene	0.219	0.216	1.4	83	0.00
91 M	Naphthalene	1.808	1.730	4.3	78	0.00
92	1,2,3-Trichlorobenzene	0.519	0.516	0.6	84	0.00

(#) = Out of Range

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