

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072823\
 Data File : VX036706.D
 Acq On : 28 Jul 2023 16:08
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC020

Quant Time: Jul 28 16:34:18 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X071423W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Jul 14 04:32:22 2023
 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	85	0.00
2 M	Dichlorodifluoromethane	1.676	2.118	-26.4#	104	0.00
3 M	Chloromethane	2.293	1.861	18.8	72	0.00
4 M	Vinyl Chloride	2.365	2.002	15.3	71	0.00
5 M	Bromomethane	2.422	1.203	50.3#	43#	-0.01
6 M	Chloroethane	1.610	1.202	25.3#	65	0.00
7 M	Trichlorofluoromethane	3.836	3.407	11.2	74	0.00
8 T	Diethyl Ether	1.594	1.216	23.7	74	0.00
9	1,1,2-Trichlorotrifluoroeth	1.737	1.949	-12.2	99	0.00
10 M	1,1-Dichloroethene	1.756	1.840	-4.8	93	0.00
11	Methyl Iodide	2.001	1.483	25.9#	76	0.00
12	Methyl Acetate	4.127	4.383	-6.2	99	0.00
13 M	Acrolein	0.339	0.323	4.7	98	0.00
14 M	Acrylonitrile	1.157	1.226	-6.0	99	0.00
15 M	Acetone	0.327	0.330	-0.9	93	0.00
16 M	Carbon Disulfide	4.259	4.902	-15.1	107	0.00
17	Allyl chloride	3.114	3.386	-8.7	102	0.00
18 M	Methylene Chloride	2.114	2.121	-0.3	96	0.00
19 M	trans-1,2-Dichloroethene	1.919	2.053	-7.0	98	0.00
20 T	Diisopropyl ether	6.347	6.659	-4.9	98	0.00
21 M	1,1-Dichloroethane	3.701	3.809	-2.9	95	0.00
22 M	cis-1,2-Dichloroethene	2.309	2.422	-4.9	96	-0.01
23 M	tert-Butyl Alcohol	0.537	0.687	-27.9#	123	0.00
24 M	Methyl tert-Butyl Ether	6.384	6.942	-8.7	103	0.00
25 M	Chloroform	3.826	3.993	-4.4	96	0.00
26	Cyclohexane	2.839	3.306	-16.4	99	0.00
27 s	1,2-Dichloroethane-d4	2.490	2.484	0.2	88	0.00
28 I	1,4-Difluorobenzene	1.000	1.000	0.0	90	0.00
29	1,1-Dichloropropene	0.452	0.484	-7.1	98	0.00
30 M	2-Butanone	0.285	0.290	-1.8	98	0.00
31	2,2-Dichloropropane	0.496	0.571	-15.1	112	0.00
32 M	1,1,1-Trichloroethane	0.538	0.597	-11.0	103	-0.01
33 M	Carbon Tetrachloride	0.459	0.520	-13.3	107	0.00
34 M	Benzene	1.394	1.407	-0.9	96	0.00
35	Methacrylonitrile	0.296	0.300	-1.4	100	0.00
36 M	1,2-Dichloroethane	0.535	0.530	0.9	96	0.00
37 M	Trichloroethene	0.367	0.367	0.0	95	0.00
38	Methylcyclohexane	0.526	0.608	-15.6	104	0.00
39 M	1,2-Dichloropropane	0.378	0.370	2.1	96	0.00
40	Dibromomethane	0.274	0.266	2.9	97	0.00
41 M	Bromodichloromethane	0.497	0.537	-8.0	108	0.00
42 M	Vinyl Acetate	0.860	0.885	-2.9	101	0.00
43	Ethyl Acetate	0.554	0.560	-1.1	100	0.00
44	Isopropyl Acetate	0.884	0.934	-5.7	103	0.00
45 T	1,4-Dioxane	0.010	0.010	0.0	94	-0.02
46	Methyl methacrylate	0.423	0.433	-2.4	103	0.00
47	n-amyl Acetate	0.750	0.788	-5.1	105	0.00
48 M	t-1,3-Dichloropropene	0.545	0.593	-8.8	111	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	0.589	0.631	-7.1	106	0.00
50 M	1,1,2-Trichloroethane	0.372	0.372	0.0	96	0.00
51	Ethyl methacrylate	0.584	0.614	-5.1	103	0.00
52	1,3-Dichloropropane	0.627	0.635	-1.3	97	0.00
53 M	Dibromochloromethane	0.375	0.416	-10.9	111	0.00
54 M	1,2-Dibromoethane	0.390	0.401	-2.8	100	0.00
55 M	2-Chloroethyl vinyl ether	0.314	0.298	5.1	91	0.00
56 M	Bromoform	0.261	0.303	-16.1	120	0.00
57 I	Chlorobenzene-d5	1.000	1.000	0.0	92	0.00
58 M	4-Methyl-2-Pentanone	0.620	0.614	1.0	96	0.00
59 M	2-Hexanone	0.472	0.468	0.8	97	0.00
60 S	4-Bromofluorobenzene	0.487	0.484	0.6	91	0.00
61 M	Tetrachloroethene	0.359	0.344	4.2	90	0.00
62 M	Toluene	1.683	1.694	-0.7	97	0.00
63 S	Toluene-d8	1.380	1.323	4.1	88	0.00
64 M	Chlorobenzene	1.048	1.031	1.6	96	0.00
65	1,1,1,2-Tetrachloroethane	0.378	0.405	-7.1	106	0.00
66 M	Ethyl Benzene	1.829	1.888	-3.2	99	0.00
67 M	m/p-Xylenes	0.713	0.711	0.3	95	0.00
68 M	o-Xylene	0.708	0.707	0.1	96	0.00
69 M	Styrene	1.148	1.174	-2.3	99	0.00
70	Isopropylbenzene	1.763	1.870	-6.1	100	0.00
71 M	1,1,2,2-Tetrachloroethane	0.643	0.652	-1.4	101	0.00
72	1,2,3-Trichloropropane	0.596	0.624	-4.7	103	0.00
73	Bromobenzene	0.436	0.435	0.2	99	0.00
74	n-propylbenzene	2.075	2.190	-5.5	101	0.00
75	2-Chlorotoluene	1.262	1.305	-3.4	98	0.00
76	1,3,5-Trimethylbenzene	1.515	1.566	-3.4	98	0.00
77	t-1,4-Dichloro-2-butene	0.196	0.213	-8.7	118	0.00
78	4-Chlorotoluene	1.437	1.488	-3.5	101	0.00
79	tert-butylbenzene	1.438	1.553	-8.0	104	0.00
80	1,2,4-Trimethylbenzene	1.501	1.553	-3.5	100	0.00
81	sec-Butylbenzene	1.810	1.947	-7.6	100	0.00
82	p-Isopropyltoluene	1.506	1.606	-6.6	100	0.00
83 M	1,3-Dichlorobenzene	0.811	0.796	1.8	96	0.00
84 M	1,4-Dichlorobenzene	0.808	0.812	-0.5	100	0.00
85	n-Butylbenzene	1.371	1.428	-4.2	101	0.00
86 T	Hexachloroethane	0.249	0.307	-23.3	129	0.00
87 M	1,2-Dichlorobenzene	0.813	0.792	2.6	96	0.00
88	1,2-Dibromo-3-Chloropropane	0.145	0.148	-2.1	103	0.00
89	1,2,4-Trichlorobenzene	0.513	0.495	3.5	97	0.00
90	Hexachlorobutadiene	0.186	0.199	-7.0	97	0.00
91 M	Naphthalene	1.799	1.760	2.2	98	0.00
92	1,2,3-Trichlorobenzene	0.518	0.494	4.6	94	0.00

(#) = Out of Range

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