

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100623\
 Data File : VX038157.D
 Acq On : 07 Oct 2023 04:29
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC020

Quant Time: Oct 07 06:37:54 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X100623W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Sat Oct 07 06:30:32 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	101	0.00
2 M	Dichlorodifluoromethane	3.610	3.614	-0.1	97	0.00
3 M	Chloromethane	3.576	3.631	-1.5	98	0.00
4 M	Vinyl Chloride	4.189	4.334	-3.5	99	0.00
5 M	Bromomethane	5.068	4.368	13.8	97	0.00
6 M	Chloroethane	3.565	3.187	10.6	92	0.00
7 M	Trichlorofluoromethane	8.921	8.492	4.8	94	0.00
8 T	Diethyl Ether	3.254	3.226	0.9	96	0.00
9	1,1,2-Trichlorotrifluoroeth	3.407	3.527	-3.5	101	0.00
10 M	1,1-Dichloroethene	3.320	3.437	-3.5	100	0.00
11	Methyl Iodide	4.947	3.807	23.0	75	0.00
12	Methyl Acetate	11.298	10.494	7.1	97	0.00
13 M	Acrolein	0.708	0.502	29.1#	68	0.00
14 M	Acrylonitrile	2.648	2.543	4.0	95	0.00
15 M	Acetone	0.705	0.679	3.7	95	0.00
16 M	Carbon Disulfide	8.870	8.739	1.5	100	0.00
17	Allyl chloride	5.579	5.228	6.3	96	0.00
18 M	Methylene Chloride	4.328	4.246	1.9	97	0.00
19 M	trans-1,2-Dichloroethene	4.157	4.042	2.8	98	0.00
20 T	Diisopropyl ether	12.242	12.108	1.1	98	0.00
21 M	1,1-Dichloroethane	7.451	7.448	0.0	98	0.00
22 M	cis-1,2-Dichloroethene	4.896	4.741	3.2	97	0.00
23 M	tert-Butyl Alcohol	1.164	0.991	14.9	87	0.00
24 M	Methyl tert-Butyl Ether	13.032	12.725	2.4	97	0.00
25 M	Chloroform	8.460	8.020	5.2	95	0.00
26	Cyclohexane	6.302	6.161	2.2	98	0.00
27 s	1,2-Dichloroethane-d4	4.098	4.095	0.1	98	0.00
28 I	1,4-Difluorobenzene	1.000	1.000	0.0	96	0.00
29	1,1-Dichloropropene	0.794	0.810	-2.0	97	0.00
30 M	2-Butanone	0.510	0.499	2.2	92	0.00
31	2,2-Dichloropropane	0.586	0.467	20.3	78	0.00
32 M	1,1,1-Trichloroethane	0.948	0.932	1.7	97	0.00
33 M	Carbon Tetrachloride	0.804	0.784	2.5	97	0.00
34 M	Benzene	2.348	2.365	-0.7	95	0.00
35	Methacrylonitrile	0.478	0.498	-4.2	97	0.00
36 M	1,2-Dichloroethane	0.911	0.942	-3.4	97	0.00
37 M	Trichloroethene	0.618	0.624	-1.0	97	0.00
38	Methylcyclohexane	0.945	0.932	1.4	97	0.00
39 M	1,2-Dichloropropane	0.589	0.602	-2.2	97	0.00
40	Dibromomethane	0.460	0.464	-0.9	96	0.00
41 M	Bromodichloromethane	0.824	0.804	2.4	96	0.00
42 M	Vinyl Acetate	1.123	1.159	-3.2	96	0.00
43	Ethyl Acetate	0.933	0.935	-0.2	94	0.00
44	Isopropyl Acetate	1.405	1.417	-0.9	96	0.00
45 T	1,4-Dioxane	0.018	0.015	16.7	79	0.00
46	Methyl methacrylate	0.693	0.677	2.3	95	0.00
47	n-amyl Acetate	1.220	1.229	-0.7	98	0.00
48 M	t-1,3-Dichloropropene	0.847	0.760	10.3	93	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	0.898	0.840	6.5	96	0.00
50 M	1,1,2-Trichloroethane	0.649	0.642	1.1	97	0.00
51	Ethyl methacrylate	0.972	0.946	2.7	96	0.00
52	1,3-Dichloropropane	1.056	1.066	-0.9	96	0.00
53 M	Dibromochloromethane	0.643	0.619	3.7	99	0.00
54 M	1,2-Dibromoethane	0.710	0.697	1.8	99	0.00
55 M	2-Chloroethyl vinyl ether	0.491	0.508	-3.5	97	0.00
56 M	Bromoform	0.481	0.435	9.6	101	0.00
57 I	Chlorobenzene-d5	1.000	1.000	0.0	96	0.00
58 M	4-Methyl-2-Pentanone	0.751	0.776	-3.3	97	0.00
59 M	2-Hexanone	0.604	0.612	-1.3	94	0.00
60 S	4-Bromofluorobenzene	0.625	0.606	3.0	96	0.00
61 M	Tetrachloroethene	0.410	0.430	-4.9	103	0.00
62 M	Toluene	1.999	2.044	-2.3	98	0.00
63 S	Toluene-d8	1.162	1.210	-4.1	99	0.00
64 M	Chlorobenzene	1.252	1.263	-0.9	98	0.00
65	1,1,1,2-Tetrachloroethane	0.436	0.434	0.5	100	0.00
66 M	Ethyl Benzene	2.267	2.254	0.6	96	0.00
67 M	m/p-Xylenes	0.879	0.858	2.4	95	0.00
68 M	o-Xylene	0.853	0.843	1.2	98	0.00
69 M	Styrene	1.418	1.395	1.6	97	0.00
70	Isopropylbenzene	2.250	2.249	0.0	97	0.00
71 M	1,1,2,2-Tetrachloroethane	0.829	0.836	-0.8	96	0.00
72	1,2,3-Trichloropropane	0.754	0.742	1.6	98	0.00
73	Bromobenzene	0.557	0.540	3.1	98	0.00
74	n-propylbenzene	2.734	2.732	0.1	98	0.00
75	2-Chlorotoluene	1.607	1.595	0.7	96	0.00
76	1,3,5-Trimethylbenzene	1.966	1.900	3.4	96	0.00
77	t-1,4-Dichloro-2-butene	0.205	0.165	19.5	87	0.00
78	4-Chlorotoluene	1.911	1.869	2.2	96	0.00
79	tert-butylbenzene	1.868	1.821	2.5	98	0.00
80	1,2,4-Trimethylbenzene	1.920	1.924	-0.2	97	0.00
81	sec-Butylbenzene	2.443	2.424	0.8	97	0.00
82	p-Isopropyltoluene	2.020	1.956	3.2	96	0.00
83 M	1,3-Dichlorobenzene	1.087	1.057	2.8	95	0.00
84 M	1,4-Dichlorobenzene	1.106	1.091	1.4	97	0.00
85	n-Butylbenzene	1.927	1.862	3.4	96	0.00
86 T	Hexachloroethane	0.334	0.317	5.1	103	0.00
87 M	1,2-Dichlorobenzene	1.053	1.038	1.4	98	0.00
88	1,2-Dibromo-3-Chloropropane	0.192	0.192	0.0	99	0.00
89	1,2,4-Trichlorobenzene	0.684	0.687	-0.4	99	0.00
90	Hexachlorobutadiene	0.275	0.278	-1.1	103	0.00
91 M	Naphthalene	2.342	2.426	-3.6	102	0.00
92	1,2,3-Trichlorobenzene	0.669	0.689	-3.0	103	0.00

(#) = Out of Range

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