

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052323\
 Data File : VX035809.D
 Acq On : 23 May 2023 12:41
 Operator : JC/MD
 Sample : VSTDICV020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX052323

Quant Time: May 24 05:41:28 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X052323W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Tue May 23 11:36:37 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	105	0.00
2 M	Dichlorodifluoromethane	1.534	1.615	-5.3	171#	0.00
3 M	Chloromethane	1.882	1.862	1.1	117	0.00
4 M	Vinyl Chloride	1.769	1.732	2.1	124	0.00
5 M	Bromomethane	1.190	1.092	8.2	105	0.00
6 M	Chloroethane	1.115	1.062	4.8	114	0.00
7 M	Trichlorofluoromethane	2.681	2.747	-2.5	150#	0.00
8 T	Diethyl Ether	1.115	1.083	2.9	108	0.00
9	1,1,2-Trichlorotrifluoroeth	1.443	1.571	-8.9	172#	0.00
10 M	1,1-Dichloroethene	1.504	1.486	1.2	123	0.00
11	Methyl Iodide	1.817	1.621	10.8	107	0.00
12	Methyl Acetate	4.249	4.223	0.6	106	0.00
13 M	Acrolein	0.336	0.312	7.1	107	0.00
14 M	Acrylonitrile	1.065	1.045	1.9	107	0.00
15 M	Acetone	0.319	0.293	8.2	96	0.00
16 M	Carbon Disulfide	3.264	3.101	5.0	129	0.00
17	Allyl chloride	3.034	2.912	4.0	113	0.00
18 M	Methylene Chloride	1.958	1.883	3.8	108	0.00
19 M	trans-1,2-Dichloroethene	1.695	1.673	1.3	113	0.00
20 T	Diisopropyl ether	6.550	6.478	1.1	110	0.00
21 M	1,1-Dichloroethane	3.433	3.317	3.4	110	0.00
22 M	cis-1,2-Dichloroethene	2.098	2.063	1.7	113	0.00
23 M	tert-Butyl Alcohol	0.389	0.425	-9.3	116	0.01
24 M	Methyl tert-Butyl Ether	6.061	5.968	1.5	110	0.00
25 M	Chloroform	3.523	3.350	4.9	110	0.00
26	Cyclohexane	2.596	2.742	-5.6	164#	0.00
27 s	1,2-Dichloroethane-d4	2.493	2.392	4.1	103	0.00
28 I	1,4-Difluorobenzene	1.000	1.000	0.0	105	0.00
29	1,1-Dichloropropene	0.418	0.446	-6.7	131	0.00
30 M	2-Butanone	0.273	0.277	-1.5	104	0.00
31	2,2-Dichloropropane	0.449	0.428	4.7	113	0.00
32 M	1,1,1-Trichloroethane	0.488	0.488	0.0	120	0.00
33 M	Carbon Tetrachloride	0.385	0.389	-1.0	128	0.00
34 M	Benzene	1.318	1.347	-2.2	111	0.00
35	Methacrylonitrile	0.292	0.289	1.0	105	0.00
36 M	1,2-Dichloroethane	0.513	0.524	-2.1	109	0.00
37 M	Trichloroethene	0.331	0.336	-1.5	114	0.00
38	Methylcyclohexane	0.458	0.525	-14.6	183#	0.00
39 M	1,2-Dichloropropane	0.355	0.351	1.1	108	0.00
40	Dibromomethane	0.240	0.246	-2.5	110	0.00
41 M	Bromodichloromethane	0.434	0.418	3.7	107	0.00
42 M	Vinyl Acetate	0.803	0.820	-2.1	112	0.00
43	Ethyl Acetate	0.522	0.527	-1.0	110	0.00
44	Isopropyl Acetate	0.850	0.863	-1.5	111	0.00
45 T	1,4-Dioxane	0.008	0.009	-12.5	110	0.00
46	Methyl methacrylate	0.411	0.415	-1.0	111	0.00
47	n-amyl Acetate	0.714	0.713	0.1	110	0.00
48 M	t-1,3-Dichloropropene	0.480	0.451	6.0	109	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	0.530	0.504	4.9	105	0.00
50 M	1,1,2-Trichloroethane	0.343	0.345	-0.6	107	0.00
51	Ethyl methacrylate	0.529	0.533	-0.8	111	0.00
52	1,3-Dichloropropane	0.598	0.611	-2.2	108	0.00
53 M	Dibromochloromethane	0.315	0.295	6.3	107	0.00
54 M	1,2-Dibromoethane	0.357	0.355	0.6	106	0.00
55 M	2-Chloroethyl vinyl ether	0.281	0.301	-7.1	108	0.00
56 M	Bromoform	0.204	0.187	8.3	112	0.00
57 I	Chlorobenzene-d5	1.000	1.000	0.0	106	0.00
58 M	4-Methyl-2-Pentanone	0.583	0.593	-1.7	108	0.00
59 M	2-Hexanone	0.438	0.446	-1.8	106	0.00
60 S	4-Bromofluorobenzene	0.503	0.490	2.6	104	0.00
61 M	Tetrachloroethene	0.289	0.300	-3.8	120	0.00
62 M	Toluene	1.545	1.547	-0.1	110	0.00
63 S	Toluene-d8	1.326	1.348	-1.7	109	0.00
64 M	Chlorobenzene	0.978	0.955	2.4	107	0.00
65	1,1,1,2-Tetrachloroethane	0.342	0.328	4.1	108	0.00
66 M	Ethyl Benzene	1.728	1.729	-0.1	114	0.00
67 M	m/p-Xylenes	0.654	0.660	-0.9	113	0.00
68 M	o-Xylene	0.654	0.653	0.2	109	0.00
69 M	Styrene	1.080	1.068	1.1	109	0.00
70	Isopropylbenzene	1.670	1.694	-1.4	117	0.00
71 M	1,1,2,2-Tetrachloroethane	0.591	0.591	0.0	106	0.00
72	1,2,3-Trichloropropane	0.515	0.539	-4.7	117	0.00
73	Bromobenzene	0.406	0.395	2.7	107	0.00
74	n-propylbenzene	1.990	2.031	-2.1	118	0.00
75	2-Chlorotoluene	1.223	1.224	-0.1	113	0.00
76	1,3,5-Trimethylbenzene	1.418	1.434	-1.1	116	0.00
77	t-1,4-Dichloro-2-butene	0.155	0.131	15.5	107	0.00
78	4-Chlorotoluene	1.393	1.360	2.4	110	0.00
79	tert-butylbenzene	1.369	1.385	-1.2	119	0.00
80	1,2,4-Trimethylbenzene	1.425	1.424	0.1	113	0.00
81	sec-Butylbenzene	1.728	1.793	-3.8	127	0.00
82	p-Isopropyltoluene	1.438	1.486	-3.3	124	0.00
83 M	1,3-Dichlorobenzene	0.768	0.763	0.7	111	0.00
84 M	1,4-Dichlorobenzene	0.771	0.780	-1.2	113	0.00
85	n-Butylbenzene	1.279	1.308	-2.3	132	0.00
86 T	Hexachloroethane	0.226	0.205	9.3	123	0.00
87 M	1,2-Dichlorobenzene	0.752	0.771	-2.5	109	0.00
88	1,2-Dibromo-3-Chloropropane	0.113	0.104	8.0	105	0.00
89	1,2,4-Trichlorobenzene	0.451	0.466	-3.3	119	0.00
90	Hexachlorobutadiene	0.166	0.181	-9.0	151#	0.00
91 M	Naphthalene	1.560	1.592	-2.1	112	0.00
92	1,2,3-Trichlorobenzene	0.450	0.460	-2.2	117	0.00

(#) = Out of Range

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