

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032823\
 Data File : VX034771.D
 Acq On : 28 Mar 2023 01:15
 Operator : JC/MD
 Sample : VSTDICV020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX032823

Quant Time: Mar 28 09:14:21 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X032823W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Tue Mar 28 09:11:00 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	98	0.00
2 M	Dichlorodifluoromethane	2.845	2.871	-0.9	106	0.00
3 M	Chloromethane	3.689	3.940	-6.8	104	0.00
4 M	Vinyl Chloride	3.640	3.726	-2.4	104	0.00
5 M	Bromomethane	2.394	2.624	-9.6	108	0.00
6 M	Chloroethane	2.369	2.404	-1.5	104	0.00
7 M	Trichlorofluoromethane	5.798	5.778	0.3	104	0.00
8 T	Diethyl Ether	2.087	2.202	-5.5	105	0.00
9	1,1,2-Trichlorotrifluoroeth	2.942	2.858	2.9	104	0.00
10 M	1,1-Dichloroethene	2.978	2.986	-0.3	105	0.00
11	Methyl Iodide	3.792	3.810	-0.5	107	0.00
12	Methyl Acetate	6.594	6.950	-5.4	106	0.00
13 M	Acrolein	0.765	0.767	-0.3	99	0.00
14 M	Acrylonitrile	1.816	1.924	-5.9	106	0.00
15 M	Acetone	0.493	0.537	-8.9	109	0.00
16 M	Carbon Disulfide	7.617	7.541	1.0	108	0.00
17	Allyl chloride	5.762	6.010	-4.3	109	0.00
18 M	Methylene Chloride	3.508	3.617	-3.1	103	0.00
19 M	trans-1,2-Dichloroethene	3.258	3.301	-1.3	106	0.00
20 T	Diisopropyl ether	11.805	12.403	-5.1	106	0.00
21 M	1,1-Dichloroethane	6.312	6.657	-5.5	108	0.00
22 M	cis-1,2-Dichloroethene	3.795	3.842	-1.2	104	0.00
23 M	tert-Butyl Alcohol	0.817	0.891	-9.1	109	0.02
24 M	Methyl tert-Butyl Ether	11.066	11.593	-4.8	107	0.00
25 M	Chloroform	6.420	6.588	-2.6	107	0.00
26	Cyclohexane	5.532	5.243	5.2	103	0.00
27 s	1,2-Dichloroethane-d4	2.883	3.007	-4.3	105	0.00
28 I	1,4-Difluorobenzene	1.000	1.000	0.0	103	0.00
29	1,1-Dichloropropene	0.690	0.660	4.3	106	0.00
30 M	2-Butanone	0.385	0.400	-3.9	106	0.00
31	2,2-Dichloropropane	0.700	0.655	6.4	103	0.00
32 M	1,1,1-Trichloroethane	0.809	0.787	2.7	107	0.00
33 M	Carbon Tetrachloride	0.668	0.634	5.1	108	0.00
34 M	Benzene	2.005	2.026	-1.0	105	0.00
35	Methacrylonitrile	0.421	0.424	-0.7	105	0.00
36 M	1,2-Dichloroethane	0.786	0.813	-3.4	110	0.00
37 M	Trichloroethene	0.510	0.502	1.6	107	0.00
38	Methylcyclohexane	0.754	0.696	7.7	102	0.00
39 M	1,2-Dichloropropane	0.521	0.517	0.8	104	0.00
40	Dibromomethane	0.358	0.362	-1.1	105	0.00
41 M	Bromodichloromethane	0.674	0.667	1.0	107	0.00
42 M	Vinyl Acetate	1.255	1.314	-4.7	107	0.00
43	Ethyl Acetate	0.746	0.794	-6.4	109	0.00
44	Isopropyl Acetate	1.263	1.270	-0.6	105	0.00
45 T	1,4-Dioxane	0.013	0.013	0.0	105	0.02
46	Methyl methacrylate	0.616	0.624	-1.3	108	0.00
47	n-amyl Acetate	1.098	1.090	0.7	106	0.00
48 M	t-1,3-Dichloropropene	0.735	0.708	3.7	108	0.00

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49 T	cis-1,3-Dichloropropene	0.807	0.804	0.4	108	0.00
50 M	1,1,2-Trichloroethane	0.499	0.497	0.4	106	0.00
51	Ethyl methacrylate	0.810	0.813	-0.4	107	0.00
52	1,3-Dichloropropane	0.881	0.907	-3.0	108	0.00
53 M	Dibromochloromethane	0.493	0.487	1.2	110	0.00
54 M	1,2-Dibromoethane	0.534	0.542	-1.5	109	0.00
55 M	2-Chloroethyl vinyl ether	0.426	0.440	-3.3	105	0.00
56 M	Bromoform	0.340	0.312	8.2	109	0.00
57 I	Chlorobenzene-d5	1.000	1.000	0.0	102	0.00
58 M	4-Methyl-2-Pentanone	0.688	0.736	-7.0	106	0.00
59 M	2-Hexanone	0.518	0.552	-6.6	107	0.00
60 S	4-Bromofluorobenzene	0.599	0.573	4.3	102	0.00
61 M	Tetrachloroethene	0.404	0.384	5.0	104	0.00
62 M	Toluene	1.962	1.973	-0.6	106	0.00
63 S	Toluene-d8	1.020	1.019	0.1	102	0.00
64 M	Chlorobenzene	1.208	1.198	0.8	105	0.00
65	1,1,1,2-Tetrachloroethane	0.432	0.433	-0.2	107	0.00
66 M	Ethyl Benzene	2.185	2.173	0.5	106	0.00
67 M	m/p-Xylenes	0.831	0.813	2.2	106	0.00
68 M	o-Xylene	0.822	0.819	0.4	106	0.00
69 M	Styrene	1.355	1.321	2.5	106	0.00
70	Isopropylbenzene	2.128	2.039	4.2	105	0.00
71 M	1,1,2,2-Tetrachloroethane	0.699	0.719	-2.9	105	0.00
72	1,2,3-Trichloropropane	0.637	0.705	-10.7	113	0.00
73	Bromobenzene	0.511	0.506	1.0	106	0.00
74	n-propylbenzene	2.477	2.366	4.5	105	0.00
75	2-Chlorotoluene	1.544	1.477	4.3	105	0.00
76	1,3,5-Trimethylbenzene	1.791	1.705	4.8	104	0.00
77	t-1,4-Dichloro-2-butene	0.196	0.174	11.2	108	0.00
78	4-Chlorotoluene	1.770	1.709	3.4	108	0.00
79	tert-butylbenzene	1.710	1.627	4.9	105	0.00
80	1,2,4-Trimethylbenzene	1.780	1.708	4.0	106	0.00
81	sec-Butylbenzene	2.072	1.956	5.6	106	0.00
82	p-Isopropyltoluene	1.748	1.604	8.2	103	0.00
83 M	1,3-Dichlorobenzene	0.965	0.929	3.7	105	0.00
84 M	1,4-Dichlorobenzene	0.969	0.943	2.7	107	0.00
85	n-Butylbenzene	1.507	1.362	9.6	104	0.00
86 T	Hexachloroethane	0.286	0.257	10.1	113	0.00
87 M	1,2-Dichlorobenzene	0.944	0.924	2.1	104	0.00
88	1,2-Dibromo-3-Chloropropane	0.153	0.151	1.3	115	0.00
89	1,2,4-Trichlorobenzene	0.566	0.550	2.8	108	0.00
90	Hexachlorobutadiene	0.218	0.211	3.2	108	0.00
91 M	Naphthalene	2.001	2.046	-2.2	108	0.00
92	1,2,3-Trichlorobenzene	0.566	0.564	0.4	107	0.00

(#) = Out of Range

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