

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX011823\
 Data File : VX033774.D
 Acq On : 18 Jan 2023 15:00
 Operator : JC/MD
 Sample : VSTDICV020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX011823

Quant Time: Jan 19 03:23:50 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X011823W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Jan 18 14:40:07 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	94	0.00
2 M	Dichlorodifluoromethane	2.748	3.147	-14.5	102	0.00
3 M	Chloromethane	3.091	3.305	-6.9	98	0.00
4 M	Vinyl Chloride	3.034	3.304	-8.9	98	0.00
5 M	Bromomethane	1.956	2.123	-8.5	102	0.00
6 M	Chloroethane	1.623	1.755	-8.1	93	0.00
7 M	Trichlorofluoromethane	4.485	5.026	-12.1	101	0.00
8 T	Diethyl Ether	1.691	1.783	-5.4	97	0.00
9	1,1,2-Trichlorotrifluoroeth	2.714	3.070	-13.1	102	0.00
10 M	1,1-Dichloroethene	2.666	2.897	-8.7	98	0.00
11	Methyl Iodide	4.022	4.255	-5.8	99	0.00
12	Methyl Acetate	4.653	4.999	-7.4	97	0.00
13 M	Acrolein	0.520	0.503	3.3	100	0.00
14 M	Acrylonitrile	1.516	1.595	-5.2	94	0.00
15 M	Acetone	0.456	0.503	-10.3	99	0.00
16 M	Carbon Disulfide	6.536	7.149	-9.4	103	0.00
17	Allyl chloride	4.812	5.093	-5.8	95	0.00
18 M	Methylene Chloride	3.002	3.248	-8.2	98	0.00
19 M	trans-1,2-Dichloroethene	2.870	3.103	-8.1	97	0.00
20 T	Diisopropyl ether	9.434	10.125	-7.3	97	0.00
21 M	1,1-Dichloroethane	5.162	5.506	-6.7	97	0.00
22 M	cis-1,2-Dichloroethene	3.373	3.610	-7.0	97	0.00
23 M	tert-Butyl Alcohol	0.524	0.541	-3.2	91	-0.02
24 M	Methyl tert-Butyl Ether	8.828	9.462	-7.2	99	0.00
25 M	Chloroform	5.192	5.576	-7.4	97	0.00
26	Cyclohexane	4.704	5.200	-10.5	99	0.00
27 s	1,2-Dichloroethane-d4	2.322	2.384	-2.7	96	0.00
28 I	1,4-Difluorobenzene	1.000	1.000	0.0	93	0.00
29	1,1-Dichloropropene	0.576	0.617	-7.1	98	0.00
30 M	2-Butanone	0.318	0.334	-5.0	95	0.00
31	2,2-Dichloropropane	0.547	0.575	-5.1	99	0.00
32 M	1,1,1-Trichloroethane	0.664	0.699	-5.3	97	0.00
33 M	Carbon Tetrachloride	0.594	0.620	-4.4	96	0.00
34 M	Benzene	1.710	1.820	-6.4	95	0.00
35	Methacrylonitrile	0.347	0.365	-5.2	96	0.00
36 M	1,2-Dichloroethane	0.602	0.634	-5.3	97	0.00
37 M	Trichloroethene	0.483	0.513	-6.2	95	0.00
38	Methylcyclohexane	0.693	0.780	-12.6	103	0.00
39 M	1,2-Dichloropropane	0.419	0.453	-8.1	102	0.00
40	Dibromomethane	0.298	0.328	-10.1	103	0.00
41 M	Bromodichloromethane	0.568	0.616	-8.5	101	0.00
42 M	Vinyl Acetate	1.070	1.139	-6.4	97	0.00
43	Ethyl Acetate	0.622	0.639	-2.7	96	0.00
44	Isopropyl Acetate	0.946	0.999	-5.6	98	0.00
45 T	1,4-Dioxane	0.010	0.009	10.0	85	-0.01
46	Methyl methacrylate	0.480	0.542	-12.9	104	0.00
47	n-amyl Acetate	0.798	0.837	-4.9	102	0.00
48 M	t-1,3-Dichloropropene	0.598	0.611	-2.2	104	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	0.675	0.708	-4.9	100	0.00
50 M	1,1,2-Trichloroethane	0.441	0.478	-8.4	106	0.00
51	Ethyl methacrylate	0.654	0.698	-6.7	105	0.00
52	1,3-Dichloropropane	0.744	0.786	-5.6	103	0.00
53 M	Dibromochloromethane	0.482	0.505	-4.8	105	0.00
54 M	1,2-Dibromoethane	0.477	0.507	-6.3	105	0.00
55 M	2-Chloroethyl vinyl ether	0.307	0.319	-3.9	99	0.00
56 M	Bromoform	0.374	0.394	-5.3	102	0.00
57 I	Chlorobenzene-d5	1.000	1.000	0.0	99	0.00
58 M	4-Methyl-2-Pentanone	0.539	0.593	-10.0	101	0.00
59 M	2-Hexanone	0.405	0.434	-7.2	99	0.00
60 S	4-Bromofluorobenzene	0.536	0.542	-1.1	97	0.00
61 M	Tetrachloroethene	0.395	0.438	-10.9	113	0.00
62 M	Toluene	1.678	1.841	-9.7	101	0.00
63 S	Toluene-d8	0.957	0.973	-1.7	98	0.00
64 M	Chlorobenzene	1.119	1.197	-7.0	101	0.00
65	1,1,1,2-Tetrachloroethane	0.417	0.438	-5.0	99	0.00
66 M	Ethyl Benzene	1.920	2.058	-7.2	100	0.00
67 M	m/p-Xylenes	0.758	0.818	-7.9	101	0.00
68 M	o-Xylene	0.752	0.798	-6.1	100	0.00
69 M	Styrene	1.237	1.328	-7.4	101	0.00
70	Isopropylbenzene	1.937	2.094	-8.1	101	0.00
71 M	1,1,2,2-Tetrachloroethane	0.581	0.625	-7.6	102	0.00
72	1,2,3-Trichloropropane	0.529	0.556	-5.1	98	0.00
73	Bromobenzene	0.525	0.565	-7.6	100	0.00
74	n-propylbenzene	2.201	2.378	-8.0	101	0.00
75	2-Chlorotoluene	1.309	1.415	-8.1	101	0.00
76	1,3,5-Trimethylbenzene	1.607	1.775	-10.5	102	0.00
77	t-1,4-Dichloro-2-butene	0.163	0.162	0.6	100	0.00
78	4-Chlorotoluene	1.473	1.618	-9.8	104	0.00
79	tert-butylbenzene	1.644	1.801	-9.5	102	0.00
80	1,2,4-Trimethylbenzene	1.593	1.763	-10.7	103	0.00
81	sec-Butylbenzene	2.001	2.182	-9.0	102	0.00
82	p-Isopropyltoluene	1.733	1.895	-9.3	101	0.00
83 M	1,3-Dichlorobenzene	0.948	1.027	-8.3	102	0.00
84 M	1,4-Dichlorobenzene	0.950	1.030	-8.4	103	0.00
85	n-Butylbenzene	1.410	1.549	-9.9	104	0.00
86 T	Hexachloroethane	0.274	0.290	-5.8	104	0.00
87 M	1,2-Dichlorobenzene	0.914	1.003	-9.7	101	0.00
88	1,2-Dibromo-3-Chloropropane	0.119	0.116	2.5	94	0.00
89	1,2,4-Trichlorobenzene	0.636	0.679	-6.8	102	0.00
90	Hexachlorobutadiene	0.298	0.338	-13.4	109	0.00
91 M	Naphthalene	1.864	2.017	-8.2	102	0.00
92	1,2,3-Trichlorobenzene	0.624	0.689	-10.4	104	0.00

(#) = Out of Range

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