

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX012523\
 Data File : VX033899.D
 Acq On : 25 Jan 2023 19:39
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC020

Quant Time: Jan 26 05:13:55 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	87	0.00
2 M	Dichlorodifluoromethane	2.748	2.632	4.2	79	0.00
3 M	Chloromethane	3.091	2.990	3.3	82	0.00
4 M	Vinyl Chloride	3.034	2.977	1.9	82	0.00
5 M	Bromomethane	1.956	1.531	21.7	68	0.00
6 M	Chloroethane	1.623	1.775	-9.4	87	0.00
7 M	Trichlorofluoromethane	4.485	4.329	3.5	80	0.00
8 T	Diethyl Ether	1.691	1.728	-2.2	87	0.00
9	1,1,2-Trichlorotrifluoroeth	2.714	2.525	7.0	77	0.00
10 M	1,1-Dichloroethene	2.666	2.538	4.8	80	0.00
11	Methyl Iodide	4.022	3.634	9.6	78	0.00
12	Methyl Acetate	4.653	4.420	5.0	80	0.00
13 M	Acrolein	0.520	0.604	-16.2	112	0.00
14 M	Acrylonitrile	1.516	1.495	1.4	81	0.00
15 M	Acetone	0.456	0.391	14.3	71	-0.02
16 M	Carbon Disulfide	6.536	5.848	10.5	78	0.00
17	Allyl chloride	4.812	4.360	9.4	76	0.00
18 M	Methylene Chloride	3.002	2.963	1.3	83	0.00
19 M	trans-1,2-Dichloroethene	2.870	2.766	3.6	80	0.00
20 T	Diisopropyl ether	9.434	8.872	6.0	79	0.00
21 M	1,1-Dichloroethane	5.162	4.892	5.2	80	0.00
22 M	cis-1,2-Dichloroethene	3.373	3.286	2.6	82	0.00
23 M	tert-Butyl Alcohol	0.524	0.478	8.8	74	-0.07
24 M	Methyl tert-Butyl Ether	8.828	8.086	8.4	78	0.00
25 M	Chloroform	5.192	5.135	1.1	83	0.00
26	Cyclohexane	4.704	4.241	9.8	75	0.00
27 s	1,2-Dichloroethane-d4	2.322	2.221	4.3	83	0.00
28 I	1,4-Difluorobenzene	1.000	1.000	0.0	83	0.00
29	1,1-Dichloropropene	0.576	0.551	4.3	79	0.00
30 M	2-Butanone	0.318	0.304	4.4	77	-0.02
31	2,2-Dichloropropane	0.547	0.454	17.0	71	0.00
32 M	1,1,1-Trichloroethane	0.664	0.623	6.2	78	0.00
33 M	Carbon Tetrachloride	0.594	0.568	4.4	79	0.00
34 M	Benzene	1.710	1.703	0.4	80	0.00
35	Methacrylonitrile	0.347	0.329	5.2	77	0.00
36 M	1,2-Dichloroethane	0.602	0.586	2.7	81	0.00
37 M	Trichloroethene	0.483	0.490	-1.4	82	0.00
38	Methylcyclohexane	0.693	0.651	6.1	78	0.00
39 M	1,2-Dichloropropane	0.419	0.423	-1.0	85	0.00
40	Dibromomethane	0.298	0.306	-2.7	86	0.00
41 M	Bromodichloromethane	0.568	0.570	-0.4	84	0.00
42 M	Vinyl Acetate	1.070	1.002	6.4	77	0.00
43	Ethyl Acetate	0.622	0.570	8.4	77	0.00
44	Isopropyl Acetate	0.946	0.871	7.9	76	0.00
45 T	1,4-Dioxane	0.010	0.010	0.0	82	-0.04
46	Methyl methacrylate	0.480	0.462	3.7	79	0.00
47	n-amyl Acetate	0.798	0.723	9.4	79	0.00
48 M	t-1,3-Dichloropropene	0.598	0.540	9.7	82	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	0.675	0.615	8.9	78	0.00
50 M	1,1,2-Trichloroethane	0.441	0.451	-2.3	90	0.00
51	Ethyl methacrylate	0.654	0.621	5.0	84	0.00
52	1,3-Dichloropropane	0.744	0.738	0.8	87	0.00
53 M	Dibromochloromethane	0.482	0.469	2.7	88	0.00
54 M	1,2-Dibromoethane	0.477	0.469	1.7	87	0.00
55 M	2-Chloroethyl vinyl ether	0.307	0.281	8.5	78	0.00
56 M	Bromoform	0.374	0.377	-0.8	88	0.00
57 I	Chlorobenzene-d5	1.000	1.000	0.0	87	0.00
58 M	4-Methyl-2-Pentanone	0.539	0.540	-0.2	81	0.00
59 M	2-Hexanone	0.405	0.395	2.5	79	0.00
60 S	4-Bromofluorobenzene	0.536	0.531	0.9	84	0.00
61 M	Tetrachloroethene	0.395	0.421	-6.6	96	0.00
62 M	Toluene	1.678	1.715	-2.2	83	0.00
63 S	Toluene-d8	0.957	0.969	-1.3	86	0.00
64 M	Chlorobenzene	1.119	1.103	1.4	82	0.00
65	1,1,1,2-Tetrachloroethane	0.417	0.416	0.2	83	0.00
66 M	Ethyl Benzene	1.920	1.883	1.9	81	0.00
67 M	m/p-Xylenes	0.758	0.759	-0.1	83	0.00
68 M	o-Xylene	0.752	0.748	0.5	83	0.00
69 M	Styrene	1.237	1.233	0.3	82	0.00
70	Isopropylbenzene	1.937	1.932	0.3	82	0.00
71 M	1,1,2,2-Tetrachloroethane	0.581	0.609	-4.8	87	0.00
72	1,2,3-Trichloropropane	0.529	0.528	0.2	82	0.00
73	Bromobenzene	0.525	0.522	0.6	82	0.00
74	n-propylbenzene	2.201	2.147	2.5	80	0.00
75	2-Chlorotoluene	1.309	1.308	0.1	82	0.00
76	1,3,5-Trimethylbenzene	1.607	1.607	0.0	81	0.00
77	t-1,4-Dichloro-2-butene	0.163	0.143	12.3	78	0.00
78	4-Chlorotoluene	1.473	1.453	1.4	82	0.00
79	tert-butylbenzene	1.644	1.640	0.2	82	0.00
80	1,2,4-Trimethylbenzene	1.593	1.578	0.9	81	0.00
81	sec-Butylbenzene	2.001	1.983	0.9	82	0.00
82	p-Isopropyltoluene	1.733	1.700	1.9	80	0.00
83 M	1,3-Dichlorobenzene	0.948	0.945	0.3	83	0.00
84 M	1,4-Dichlorobenzene	0.950	0.941	0.9	83	0.00
85	n-Butylbenzene	1.410	1.311	7.0	78	0.00
86 T	Hexachloroethane	0.274	0.259	5.5	82	0.00
87 M	1,2-Dichlorobenzene	0.914	0.931	-1.9	83	0.00
88	1,2-Dibromo-3-Chloropropane	0.119	0.112	5.9	80	0.00
89	1,2,4-Trichlorobenzene	0.636	0.620	2.5	82	0.00
90	Hexachlorobutadiene	0.298	0.283	5.0	81	0.00
91 M	Naphthalene	1.864	1.829	1.9	81	0.00
92	1,2,3-Trichlorobenzene	0.624	0.626	-0.3	83	0.00

(#) = Out of Range

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