

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX012523\
 Data File : VX033879.D
 Acq On : 25 Jan 2023 10:05
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC020

Quant Time: Jan 26 05:06:42 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	89	-0.01
2 M	Dichlorodifluoromethane	2.748	3.104	-13.0	95	0.00
3 M	Chloromethane	3.091	3.284	-6.2	92	0.00
4 M	Vinyl Chloride	3.034	3.259	-7.4	92	0.00
5 M	Bromomethane	1.956	2.071	-5.9	95	0.00
6 M	Chloroethane	1.623	1.755	-8.1	89	0.00
7 M	Trichlorofluoromethane	4.485	4.957	-10.5	94	0.00
8 T	Diethyl Ether	1.691	1.837	-8.6	95	0.00
9	1,1,2-Trichlorotrifluoroeth	2.714	3.148	-16.0	99	0.00
10 M	1,1-Dichloroethene	2.666	2.950	-10.7	95	0.00
11	Methyl Iodide	4.022	4.048	-0.6	89	0.00
12	Methyl Acetate	4.653	5.035	-8.2	93	0.00
13 M	Acrolein	0.520	0.708	-36.2#	134	0.00
14 M	Acrylonitrile	1.516	1.488	1.8	83	0.00
15 M	Acetone	0.456	0.647	-41.9#	121	0.00
16 M	Carbon Disulfide	6.536	7.359	-12.6	101	0.00
17	Allyl chloride	4.812	5.413	-12.5	96	0.00
18 M	Methylene Chloride	3.002	3.300	-9.9	94	0.00
19 M	trans-1,2-Dichloroethene	2.870	3.087	-7.6	92	0.00
20 T	Diisopropyl ether	9.434	9.667	-2.5	88	0.00
21 M	1,1-Dichloroethane	5.162	5.354	-3.7	90	0.00
22 M	cis-1,2-Dichloroethene	3.373	3.549	-5.2	90	0.00
23 M	tert-Butyl Alcohol	0.524	0.466	11.1	74	-0.03
24 M	Methyl tert-Butyl Ether	8.828	9.139	-3.5	91	0.00
25 M	Chloroform	5.192	5.512	-6.2	92	0.00
26	Cyclohexane	4.704	5.005	-6.4	91	0.00
27 s	1,2-Dichloroethane-d4	2.322	2.229	4.0	85	0.00
28 I	1,4-Difluorobenzene	1.000	1.000	0.0	89	0.00
29	1,1-Dichloropropene	0.576	0.599	-4.0	92	0.00
30 M	2-Butanone	0.318	0.331	-4.1	90	-0.01
31	2,2-Dichloropropane	0.547	0.560	-2.4	93	0.00
32 M	1,1,1-Trichloroethane	0.664	0.684	-3.0	91	0.00
33 M	Carbon Tetrachloride	0.594	0.627	-5.6	93	0.00
34 M	Benzene	1.710	1.784	-4.3	89	0.00
35	Methacrylonitrile	0.347	0.341	1.7	86	-0.01
36 M	1,2-Dichloroethane	0.602	0.605	-0.5	89	0.00
37 M	Trichloroethene	0.483	0.532	-10.1	95	0.00
38	Methylcyclohexane	0.693	0.776	-12.0	99	0.00
39 M	1,2-Dichloropropane	0.419	0.444	-6.0	96	0.00
40	Dibromomethane	0.298	0.317	-6.4	95	0.00
41 M	Bromodichloromethane	0.568	0.610	-7.4	96	0.00
42 M	Vinyl Acetate	1.070	1.062	0.7	87	0.00
43	Ethyl Acetate	0.622	0.593	4.7	86	0.00
44	Isopropyl Acetate	0.946	0.914	3.4	86	-0.01
45 T	1,4-Dioxane	0.010	0.009	10.0	77	0.00
46	Methyl methacrylate	0.480	0.464	3.3	85	0.00
47	n-amyl Acetate	0.798	0.748	6.3	88	0.00
48 M	t-1,3-Dichloropropene	0.598	0.605	-1.2	99	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	0.675	0.690	-2.2	94	0.00
50 M	1,1,2-Trichloroethane	0.441	0.468	-6.1	99	0.00
51	Ethyl methacrylate	0.654	0.650	0.6	94	0.00
52	1,3-Dichloropropane	0.744	0.768	-3.2	97	0.00
53 M	Dibromochloromethane	0.482	0.507	-5.2	101	0.00
54 M	1,2-Dibromoethane	0.477	0.495	-3.8	98	0.00
55 M	2-Chloroethyl vinyl ether	0.307	0.291	5.2	86	0.00
56 M	Bromoform	0.374	0.394	-5.3	98	0.00
57 I	Chlorobenzene-d5	1.000	1.000	0.0	92	0.00
58 M	4-Methyl-2-Pentanone	0.539	0.532	1.3	85	0.00
59 M	2-Hexanone	0.405	0.418	-3.2	89	0.00
60 S	4-Bromofluorobenzene	0.536	0.530	1.1	89	0.00
61 M	Tetrachloroethene	0.395	0.460	-16.5	111	0.00
62 M	Toluene	1.678	1.825	-8.8	94	0.00
63 S	Toluene-d8	0.957	0.968	-1.1	91	0.00
64 M	Chlorobenzene	1.119	1.196	-6.9	94	0.00
65	1,1,1,2-Tetrachloroethane	0.417	0.453	-8.6	95	0.00
66 M	Ethyl Benzene	1.920	2.038	-6.1	93	0.00
67 M	m/p-Xylenes	0.758	0.826	-9.0	96	0.00
68 M	o-Xylene	0.752	0.807	-7.3	95	0.00
69 M	Styrene	1.237	1.321	-6.8	94	0.00
70	Isopropylbenzene	1.937	2.088	-7.8	94	0.00
71 M	1,1,2,2-Tetrachloroethane	0.581	0.616	-6.0	94	0.00
72	1,2,3-Trichloropropane	0.529	0.552	-4.3	91	0.00
73	Bromobenzene	0.525	0.564	-7.4	93	0.00
74	n-propylbenzene	2.201	2.361	-7.3	94	0.00
75	2-Chlorotoluene	1.309	1.397	-6.7	93	0.00
76	1,3,5-Trimethylbenzene	1.607	1.748	-8.8	93	0.00
77	t-1,4-Dichloro-2-butene	0.163	0.168	-3.1	97	0.00
78	4-Chlorotoluene	1.473	1.592	-8.1	95	0.00
79	tert-butylbenzene	1.644	1.795	-9.2	95	0.00
80	1,2,4-Trimethylbenzene	1.593	1.719	-7.9	94	0.00
81	sec-Butylbenzene	2.001	2.172	-8.5	95	0.00
82	p-Isopropyltoluene	1.733	1.887	-8.9	94	0.00
83 M	1,3-Dichlorobenzene	0.948	1.033	-9.0	96	0.00
84 M	1,4-Dichlorobenzene	0.950	1.035	-8.9	97	0.00
85	n-Butylbenzene	1.410	1.520	-7.8	95	0.00
86 T	Hexachloroethane	0.274	0.303	-10.6	101	0.00
87 M	1,2-Dichlorobenzene	0.914	1.002	-9.6	95	0.00
88	1,2-Dibromo-3-Chloropropane	0.119	0.115	3.4	87	0.00
89	1,2,4-Trichlorobenzene	0.636	0.694	-9.1	97	0.00
90	Hexachlorobutadiene	0.298	0.356	-19.5	108	0.00
91 M	Naphthalene	1.864	1.967	-5.5	93	0.00
92	1,2,3-Trichlorobenzene	0.624	0.703	-12.7	99	0.00

(#) = Out of Range

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