

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040723\
 Data File : VX034961.D
 Acq On : 07 Apr 2023 10:26
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC020

Quant Time: Apr 07 23:55:39 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	92	0.00
2 M	Dichlorodifluoromethane	2.845	3.522	-23.8	122	0.00
3 M	Chloromethane	3.689	3.858	-4.6	95	0.00
4 M	Vinyl Chloride	3.640	3.743	-2.8	97	0.00
5 M	Bromomethane	2.394	1.959	18.2	76	0.00
6 M	Chloroethane	2.369	2.170	8.4	87	0.00
7 M	Trichlorofluoromethane	5.798	5.488	5.3	93	0.00
8 T	Diethyl Ether	2.087	2.140	-2.5	96	0.00
9	1,1,2-Trichlorotrifluoroeth	2.942	3.223	-9.6	109	0.00
10 M	1,1-Dichloroethene	2.978	2.977	0.0	98	0.00
11	Methyl Iodide	3.792	2.814	25.8#	74	0.00
12	Methyl Acetate	6.594	7.102	-7.7	102	0.00
13 M	Acrolein	0.765	0.757	1.0	91	0.00
14 M	Acrylonitrile	1.816	1.946	-7.2	100	0.00
15 M	Acetone	0.493	0.594	-20.5	113	0.00
16 M	Carbon Disulfide	7.617	7.006	8.0	94	0.00
17	Allyl chloride	5.762	5.928	-2.9	101	0.00
18 M	Methylene Chloride	3.508	3.562	-1.5	95	0.00
19 M	trans-1,2-Dichloroethene	3.258	3.299	-1.3	99	0.00
20 T	Diisopropyl ether	11.805	12.491	-5.8	99	0.00
21 M	1,1-Dichloroethane	6.312	6.468	-2.5	98	0.00
22 M	cis-1,2-Dichloroethene	3.795	3.867	-1.9	98	0.00
23 M	tert-Butyl Alcohol	0.817	0.838	-2.6	96	0.00
24 M	Methyl tert-Butyl Ether	11.066	11.804	-6.7	102	0.00
25 M	Chloroform	6.420	6.742	-5.0	103	0.00
26	Cyclohexane	5.532	5.605	-1.3	103	0.00
27 s	1,2-Dichloroethane-d4	2.883	3.231	-12.1	106	0.00
28 I	1,4-Difluorobenzene	1.000	1.000	0.0	98	0.00
29	1,1-Dichloropropene	0.690	0.682	1.2	105	0.00
30 M	2-Butanone	0.385	0.405	-5.2	103	-0.01
31	2,2-Dichloropropane	0.700	0.690	1.4	104	0.00
32 M	1,1,1-Trichloroethane	0.809	0.781	3.5	102	0.00
33 M	Carbon Tetrachloride	0.668	0.673	-0.7	109	0.00
34 M	Benzene	2.005	1.965	2.0	98	0.00
35	Methacrylonitrile	0.421	0.421	0.0	100	0.00
36 M	1,2-Dichloroethane	0.786	0.825	-5.0	107	0.00
37 M	Trichloroethene	0.510	0.501	1.8	102	0.00
38	Methylcyclohexane	0.754	0.727	3.6	102	0.00
39 M	1,2-Dichloropropane	0.521	0.516	1.0	100	0.00
40	Dibromomethane	0.358	0.355	0.8	99	0.00
41 M	Bromodichloromethane	0.674	0.674	0.0	104	0.00
42 M	Vinyl Acetate	1.255	1.264	-0.7	98	0.00
43	Ethyl Acetate	0.746	0.747	-0.1	98	-0.01
44	Isopropyl Acetate	1.263	1.225	3.0	97	0.00
45 T	1,4-Dioxane	0.013	0.013	0.0	98	0.00
46	Methyl methacrylate	0.616	0.621	-0.8	103	0.00
47	n-amyl Acetate	1.098	1.006	8.4	94	0.00
48 M	t-1,3-Dichloropropene	0.735	0.683	7.1	100	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	0.807	0.774	4.1	100	0.00
50 M	1,1,2-Trichloroethane	0.499	0.497	0.4	101	0.00
51	Ethyl methacrylate	0.810	0.790	2.5	99	0.00
52	1,3-Dichloropropane	0.881	0.881	0.0	100	0.00
53 M	Dibromochloromethane	0.493	0.475	3.7	103	0.00
54 M	1,2-Dibromoethane	0.534	0.526	1.5	101	0.00
55 M	2-Chloroethyl vinyl ether	0.426	0.436	-2.3	100	0.00
56 M	Bromoform	0.340	0.309	9.1	103	0.00
57 I	Chlorobenzene-d5	1.000	1.000	0.0	99	0.00
58 M	4-Methyl-2-Pentanone	0.688	0.705	-2.5	99	0.00
59 M	2-Hexanone	0.518	0.531	-2.5	100	0.00
60 S	4-Bromofluorobenzene	0.599	0.606	-1.2	105	0.00
61 M	Tetrachloroethene	0.404	0.407	-0.7	107	0.00
62 M	Toluene	1.962	1.918	2.2	100	0.00
63 S	Toluene-d8	1.020	1.013	0.7	99	0.00
64 M	Chlorobenzene	1.208	1.191	1.4	102	0.00
65	1,1,1,2-Tetrachloroethane	0.432	0.420	2.8	101	0.00
66 M	Ethyl Benzene	2.185	2.165	0.9	103	0.00
67 M	m/p-Xylenes	0.831	0.825	0.7	105	0.00
68 M	o-Xylene	0.822	0.798	2.9	100	0.00
69 M	Styrene	1.355	1.326	2.1	103	0.00
70	Isopropylbenzene	2.128	2.094	1.6	104	0.00
71 M	1,1,2,2-Tetrachloroethane	0.699	0.697	0.3	99	0.00
72	1,2,3-Trichloropropane	0.637	0.600	5.8	94	0.00
73	Bromobenzene	0.511	0.502	1.8	102	0.00
74	n-propylbenzene	2.477	2.423	2.2	105	0.00
75	2-Chlorotoluene	1.544	1.547	-0.2	107	0.00
76	1,3,5-Trimethylbenzene	1.791	1.773	1.0	105	0.00
77	t-1,4-Dichloro-2-butene	0.196	0.155	20.9	93	0.00
78	4-Chlorotoluene	1.770	1.765	0.3	109	0.00
79	tert-butylbenzene	1.710	1.647	3.7	103	0.00
80	1,2,4-Trimethylbenzene	1.780	1.762	1.0	106	0.00
81	sec-Butylbenzene	2.072	2.030	2.0	106	0.00
82	p-Isopropyltoluene	1.748	1.684	3.7	105	0.00
83 M	1,3-Dichlorobenzene	0.965	0.924	4.2	101	0.00
84 M	1,4-Dichlorobenzene	0.969	0.945	2.5	104	0.00
85	n-Butylbenzene	1.507	1.443	4.2	107	0.00
86 T	Hexachloroethane	0.286	0.246	14.0	105	0.00
87 M	1,2-Dichlorobenzene	0.944	0.921	2.4	101	0.00
88	1,2-Dibromo-3-Chloropropane	0.153	0.149	2.6	110	0.00
89	1,2,4-Trichlorobenzene	0.566	0.553	2.3	105	0.00
90	Hexachlorobutadiene	0.218	0.227	-4.1	113	0.00
91 M	Naphthalene	2.001	1.963	1.9	100	0.00
92	1,2,3-Trichlorobenzene	0.566	0.553	2.3	102	0.00

(#) = Out of Range

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