

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040623\
 Data File : VX034948.D
 Acq On : 06 Apr 2023 09:40
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC020

Quant Time: Apr 07 03:15:05 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	106	0.00
2 M	Dichlorodifluoromethane	2.845	3.436	-20.8	137	0.00
3 M	Chloromethane	3.689	3.788	-2.7	108	0.00
4 M	Vinyl Chloride	3.640	3.752	-3.1	113	0.00
5 M	Bromomethane	2.394	2.325	2.9	104	0.00
6 M	Chloroethane	2.369	2.118	10.6	99	0.00
7 M	Trichlorofluoromethane	5.798	5.342	7.9	104	0.00
8 T	Diethyl Ether	2.087	2.041	2.2	105	0.00
9	1,1,2-Trichlorotrifluoroeth	2.942	3.135	-6.6	123	0.00
10 M	1,1-Dichloroethene	2.978	2.904	2.5	111	0.00
11	Methyl Iodide	3.792	3.410	10.1	103	0.00
12	Methyl Acetate	6.594	6.478	1.8	107	0.00
13 M	Acrolein	0.765	0.687	10.2	96	0.00
14 M	Acrylonitrile	1.816	1.752	3.5	104	0.00
15 M	Acetone	0.493	0.593	-20.3	130	0.00
16 M	Carbon Disulfide	7.617	7.069	7.2	110	0.00
17	Allyl chloride	5.762	5.869	-1.9	115	0.00
18 M	Methylene Chloride	3.508	3.357	4.3	104	0.00
19 M	trans-1,2-Dichloroethene	3.258	3.181	2.4	111	0.00
20 T	Diisopropyl ether	11.805	11.795	0.1	109	0.00
21 M	1,1-Dichloroethane	6.312	6.286	0.4	110	0.00
22 M	cis-1,2-Dichloroethene	3.795	3.703	2.4	109	0.00
23 M	tert-Butyl Alcohol	0.817	0.773	5.4	102	0.00
24 M	Methyl tert-Butyl Ether	11.066	11.019	0.4	110	0.00
25 M	Chloroform	6.420	6.495	-1.2	114	0.00
26	Cyclohexane	5.532	5.388	2.6	115	0.00
27 s	1,2-Dichloroethane-d4	2.883	3.042	-5.5	115	0.00
28 I	1,4-Difluorobenzene	1.000	1.000	0.0	111	0.00
29	1,1-Dichloropropene	0.690	0.676	2.0	117	0.00
30 M	2-Butanone	0.385	0.389	-1.0	111	0.00
31	2,2-Dichloropropane	0.700	0.718	-2.6	122	0.00
32 M	1,1,1-Trichloroethane	0.809	0.812	-0.4	119	0.00
33 M	Carbon Tetrachloride	0.668	0.683	-2.2	125	0.00
34 M	Benzene	2.005	1.938	3.3	108	0.00
35	Methacrylonitrile	0.421	0.398	5.5	106	0.00
36 M	1,2-Dichloroethane	0.786	0.798	-1.5	116	0.00
37 M	Trichloroethene	0.510	0.497	2.5	114	0.00
38	Methylcyclohexane	0.754	0.727	3.6	115	0.00
39 M	1,2-Dichloropropane	0.521	0.514	1.3	112	0.00
40	Dibromomethane	0.358	0.348	2.8	109	0.00
41 M	Bromodichloromethane	0.674	0.659	2.2	114	0.00
42 M	Vinyl Acetate	1.255	1.220	2.8	107	0.00
43	Ethyl Acetate	0.746	0.713	4.4	105	0.00
44	Isopropyl Acetate	1.263	1.153	8.7	102	0.00
45 T	1,4-Dioxane	0.013	0.012	7.7	105	0.00
46	Methyl methacrylate	0.616	0.594	3.6	111	0.00
47	n-amyl Acetate	1.098	0.973	11.4	102	0.00
48 M	t-1,3-Dichloropropene	0.735	0.694	5.6	114	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	0.807	0.780	3.3	113	0.00
50 M	1,1,2-Trichloroethane	0.499	0.492	1.4	113	0.00
51	Ethyl methacrylate	0.810	0.747	7.8	106	0.00
52	1,3-Dichloropropane	0.881	0.866	1.7	110	0.00
53 M	Dibromochloromethane	0.493	0.475	3.7	115	0.00
54 M	1,2-Dibromoethane	0.534	0.506	5.2	109	0.00
55 M	2-Chloroethyl vinyl ether	0.426	0.406	4.7	104	0.00
56 M	Bromoform	0.340	0.304	10.6	114	0.00
57 I	Chlorobenzene-d5	1.000	1.000	0.0	109	0.00
58 M	4-Methyl-2-Pentanone	0.688	0.672	2.3	104	0.00
59 M	2-Hexanone	0.518	0.517	0.2	107	0.00
60 S	4-Bromofluorobenzene	0.599	0.611	-2.0	116	0.00
61 M	Tetrachloroethene	0.404	0.412	-2.0	119	0.00
62 M	Toluene	1.962	1.939	1.2	111	0.00
63 S	Toluene-d8	1.020	1.025	-0.5	110	0.00
64 M	Chlorobenzene	1.208	1.188	1.7	111	0.00
65	1,1,1,2-Tetrachloroethane	0.432	0.435	-0.7	115	0.00
66 M	Ethyl Benzene	2.185	2.179	0.3	114	0.00
67 M	m/p-Xylenes	0.831	0.830	0.1	116	0.00
68 M	o-Xylene	0.822	0.825	-0.4	114	0.00
69 M	Styrene	1.355	1.330	1.8	114	0.00
70	Isopropylbenzene	2.128	2.106	1.0	116	0.00
71 M	1,1,2,2-Tetrachloroethane	0.699	0.669	4.3	105	0.00
72	1,2,3-Trichloropropane	0.637	0.568	10.8	98	0.00
73	Bromobenzene	0.511	0.500	2.2	112	0.00
74	n-propylbenzene	2.477	2.433	1.8	116	0.00
75	2-Chlorotoluene	1.544	1.557	-0.8	119	0.00
76	1,3,5-Trimethylbenzene	1.791	1.790	0.1	117	0.00
77	t-1,4-Dichloro-2-butene	0.196	0.166	15.3	109	0.00
78	4-Chlorotoluene	1.770	1.767	0.2	120	0.00
79	tert-butylbenzene	1.710	1.666	2.6	115	0.00
80	1,2,4-Trimethylbenzene	1.780	1.786	-0.3	118	0.00
81	sec-Butylbenzene	2.072	2.041	1.5	118	0.00
82	p-Isopropyltoluene	1.748	1.733	0.9	119	0.00
83 M	1,3-Dichlorobenzene	0.965	0.940	2.6	113	0.00
84 M	1,4-Dichlorobenzene	0.969	0.965	0.4	117	0.00
85	n-Butylbenzene	1.507	1.487	1.3	121	0.00
86 T	Hexachloroethane	0.286	0.259	9.4	122	0.00
87 M	1,2-Dichlorobenzene	0.944	0.927	1.8	111	0.00
88	1,2-Dibromo-3-Chloropropane	0.153	0.144	5.9	117	0.00
89	1,2,4-Trichlorobenzene	0.566	0.557	1.6	117	0.00
90	Hexachlorobutadiene	0.218	0.242	-11.0	133	0.00
91 M	Naphthalene	2.001	1.934	3.3	109	0.00
92	1,2,3-Trichlorobenzene	0.566	0.563	0.5	115	0.00

(#) = Out of Range

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