

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100623\
 Data File : VX038150.D
 Acq On : 07 Oct 2023 01:01
 Operator : JC/MD
 Sample : VSTDICV020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX100623

Quant Time: Oct 07 06:34:24 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X100623W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Sat Oct 07 06:30:32 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	108	0.00
2 M	Dichlorodifluoromethane	3.610	3.911	-8.3	113	0.00
3 M	Chloromethane	3.576	3.845	-7.5	112	0.00
4 M	Vinyl Chloride	4.189	4.479	-6.9	110	0.00
5 M	Bromomethane	5.068	4.623	8.8	110	0.00
6 M	Chloroethane	3.565	3.492	2.0	109	0.00
7 M	Trichlorofluoromethane	8.921	9.411	-5.5	112	0.00
8 T	Diethyl Ether	3.254	3.422	-5.2	109	0.00
9	1,1,2-Trichlorotrifluoroeth	3.407	3.484	-2.3	108	0.00
10 M	1,1-Dichloroethene	3.320	3.534	-6.4	110	0.00
11	Methyl Iodide	4.947	5.311	-7.4	113	0.00
12	Methyl Acetate	11.298	11.317	-0.2	113	0.00
13 M	Acrolein	0.708	0.752	-6.2	109	0.00
14 M	Acrylonitrile	2.648	2.826	-6.7	113	0.00
15 M	Acetone	0.705	0.747	-6.0	113	0.00
16 M	Carbon Disulfide	8.870	9.330	-5.2	115	0.00
17	Allyl chloride	5.579	5.826	-4.4	115	0.00
18 M	Methylene Chloride	4.328	4.474	-3.4	109	0.00
19 M	trans-1,2-Dichloroethene	4.157	4.327	-4.1	113	0.00
20 T	Diisopropyl ether	12.242	13.157	-7.5	114	0.00
21 M	1,1-Dichloroethane	7.451	7.701	-3.4	109	0.00
22 M	cis-1,2-Dichloroethene	4.896	5.108	-4.3	113	0.00
23 M	tert-Butyl Alcohol	1.164	1.235	-6.1	116	0.00
24 M	Methyl tert-Butyl Ether	13.032	13.507	-3.6	111	0.00
25 M	Chloroform	8.460	8.667	-2.4	110	0.00
26	Cyclohexane	6.302	6.478	-2.8	111	0.00
27 s	1,2-Dichloroethane-d4	4.098	4.281	-4.5	110	0.00
28 I	1,4-Difluorobenzene	1.000	1.000	0.0	111	0.00
29	1,1-Dichloropropene	0.794	0.807	-1.6	112	0.00
30 M	2-Butanone	0.510	0.521	-2.2	111	0.00
31	2,2-Dichloropropane	0.586	0.538	8.2	104	0.00
32 M	1,1,1-Trichloroethane	0.948	0.934	1.5	112	0.00
33 M	Carbon Tetrachloride	0.804	0.786	2.2	112	0.00
34 M	Benzene	2.348	2.368	-0.9	110	0.00
35	Methacrylonitrile	0.478	0.474	0.8	107	0.00
36 M	1,2-Dichloroethane	0.911	0.937	-2.9	111	0.00
37 M	Trichloroethene	0.618	0.620	-0.3	111	0.00
38	Methylcyclohexane	0.945	0.915	3.2	110	0.00
39 M	1,2-Dichloropropane	0.589	0.586	0.5	109	0.00
40	Dibromomethane	0.460	0.467	-1.5	112	0.00
41 M	Bromodichloromethane	0.824	0.809	1.8	111	0.00
42 M	Vinyl Acetate	1.123	1.176	-4.7	112	0.00
43	Ethyl Acetate	0.933	0.968	-3.8	112	0.00
44	Isopropyl Acetate	1.405	1.419	-1.0	111	0.00
45 T	1,4-Dioxane	0.018	0.018	0.0	107	0.00
46	Methyl methacrylate	0.693	0.682	1.6	110	0.00
47	n-amyl Acetate	1.220	1.235	-1.2	114	0.00
48 M	t-1,3-Dichloropropene	0.847	0.813	4.0	115	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	0.898	0.874	2.7	115	0.00
50 M	1,1,2-Trichloroethane	0.649	0.633	2.5	110	0.00
51	Ethyl methacrylate	0.972	0.945	2.8	111	0.00
52	1,3-Dichloropropane	1.056	1.049	0.7	109	0.00
53 M	Dibromochloromethane	0.643	0.612	4.8	113	0.00
54 M	1,2-Dibromoethane	0.710	0.703	1.0	115	0.00
55 M	2-Chloroethyl vinyl ether	0.491	0.484	1.4	107	0.00
56 M	Bromoform	0.481	0.438	8.9	117	0.00
57 I	Chlorobenzene-d5	1.000	1.000	0.0	107	0.00
58 M	4-Methyl-2-Pentanone	0.751	0.806	-7.3	111	0.00
59 M	2-Hexanone	0.604	0.640	-6.0	109	0.00
60 S	4-Bromofluorobenzene	0.625	0.619	1.0	109	0.00
61 M	Tetrachloroethene	0.410	0.432	-5.4	115	0.00
62 M	Toluene	1.999	2.080	-4.1	111	0.00
63 S	Toluene-d8	1.162	1.184	-1.9	107	0.00
64 M	Chlorobenzene	1.252	1.310	-4.6	113	0.00
65	1,1,1,2-Tetrachloroethane	0.436	0.447	-2.5	114	0.00
66 M	Ethyl Benzene	2.267	2.321	-2.4	110	0.00
67 M	m/p-Xylenes	0.879	0.912	-3.8	113	0.00
68 M	o-Xylene	0.853	0.886	-3.9	115	0.00
69 M	Styrene	1.418	1.482	-4.5	115	0.00
70	Isopropylbenzene	2.250	2.310	-2.7	111	0.00
71 M	1,1,2,2-Tetrachloroethane	0.829	0.869	-4.8	111	0.00
72	1,2,3-Trichloropropane	0.754	0.781	-3.6	115	0.00
73	Bromobenzene	0.557	0.565	-1.4	114	0.00
74	n-propylbenzene	2.734	2.833	-3.6	113	0.00
75	2-Chlorotoluene	1.607	1.657	-3.1	111	0.00
76	1,3,5-Trimethylbenzene	1.966	2.022	-2.8	113	0.00
77	t-1,4-Dichloro-2-butene	0.205	0.183	10.7	107	0.00
78	4-Chlorotoluene	1.911	1.980	-3.6	113	0.00
79	tert-butylbenzene	1.868	1.926	-3.1	115	0.00
80	1,2,4-Trimethylbenzene	1.920	2.024	-5.4	113	0.00
81	sec-Butylbenzene	2.443	2.536	-3.8	113	0.00
82	p-Isopropyltoluene	2.020	2.063	-2.1	112	0.00
83 M	1,3-Dichlorobenzene	1.087	1.124	-3.4	112	0.00
84 M	1,4-Dichlorobenzene	1.106	1.149	-3.9	113	0.00
85	n-Butylbenzene	1.927	1.940	-0.7	111	0.00
86 T	Hexachloroethane	0.334	0.325	2.7	117	0.00
87 M	1,2-Dichlorobenzene	1.053	1.082	-2.8	113	0.00
88	1,2-Dibromo-3-Chloropropane	0.192	0.209	-8.9	120	0.00
89	1,2,4-Trichlorobenzene	0.684	0.710	-3.8	113	0.00
90	Hexachlorobutadiene	0.275	0.264	4.0	108	0.00
91 M	Naphthalene	2.342	2.454	-4.8	115	0.00
92	1,2,3-Trichlorobenzene	0.669	0.682	-1.9	114	0.00

(#) = Out of Range

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