

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080824\
 Data File : VX042940.D
 Acq On : 08 Aug 2024 09:20
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC020

Quant Time: Aug 08 14:50:08 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X080624W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Aug 07 04:53:59 2024
 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	93	0.00
2 M	Dichlorodifluoromethane	1.764	1.751	0.7	93	0.00
3 M	Chloromethane	1.619	1.494	7.7	96	0.00
4 M	Vinyl Chloride	1.729	1.549	10.4	88	0.00
5 M	Bromomethane	1.054	0.927	12.0	85	0.00
6 M	Chloroethane	1.028	0.861	16.2	79	-0.02
7 M	Trichlorofluoromethane	2.757	2.657	3.6	84	-0.01
8 T	Diethyl Ether	1.083	1.069	1.3	94	0.00
9	1,1,2-Trichlorotrifluoroeth	1.879	1.847	1.7	93	-0.01
10 M	1,1-Dichloroethene	1.795	1.650	8.1	89	-0.01
11	Methyl Iodide	1.652	1.657	-0.3	110	0.00
12	Methyl Acetate	3.924	4.100	-4.5	88	0.00
13 M	Acrolein	0.113	0.100	11.5	118	0.00
14 M	Acrylonitrile	1.193	1.086	9.0	87	0.00
15 M	Acetone	0.387	0.354	8.5	89	0.00
16 M	Carbon Disulfide	3.736	2.786	25.4#	73	-0.01
17	Allyl chloride	2.905	2.860	1.5	87	0.00
18 M	Methylene Chloride	2.082	1.935	7.1	91	-0.01
19 M	trans-1,2-Dichloroethene	1.828	1.689	7.6	87	0.00
20 T	Diisopropyl ether	6.346	6.100	3.9	90	0.00
21 M	1,1-Dichloroethane	3.609	3.422	5.2	89	0.00
22 M	cis-1,2-Dichloroethene	2.294	2.125	7.4	90	0.00
23 M	tert-Butyl Alcohol	0.550	0.405	26.4#	72	0.02
24 M	Methyl tert-Butyl Ether	6.498	6.272	3.5	93	0.00
25 M	Chloroform	3.905	3.698	5.3	90	-0.01
26	Cyclohexane	2.847	2.554	10.3	89	-0.01
27 s	1,2-Dichloroethane-d4	2.770	2.522	9.0	85	0.00
28 I	1,4-Difluorobenzene	1.000	1.000	0.0	84	0.00
29	1,1-Dichloropropene	0.387	0.376	2.8	84	0.00
30 M	2-Butanone	0.285	0.277	2.8	83	0.00
31	2,2-Dichloropropane	0.452	0.510	-12.8	97	-0.01
32 M	1,1,1-Trichloroethane	0.535	0.560	-4.7	91	0.00
33 M	Carbon Tetrachloride	0.458	0.451	1.5	85	0.00
34 M	Benzene	1.238	1.280	-3.4	90	0.00
35	Methacrylonitrile	0.269	0.271	-0.7	85	0.00
36 M	1,2-Dichloroethane	0.457	0.478	-4.6	90	0.00
37 M	Trichloroethene	0.313	0.316	-1.0	88	0.00
38	Methylcyclohexane	0.479	0.459	4.2	85	0.00
39 M	1,2-Dichloropropane	0.316	0.323	-2.2	88	0.00
40	Dibromomethane	0.238	0.240	-0.8	86	0.00
41 M	Bromodichloromethane	0.472	0.465	1.5	85	0.00
42 M	Vinyl Acetate	0.833	0.819	1.7	86	0.00
43	Ethyl Acetate	0.478	0.452	5.4	83	0.00
44	Isopropyl Acetate	0.769	0.750	2.5	83	0.00
45 T	1,4-Dioxane	0.008	0.006	25.0	61	0.00
46	Methyl methacrylate	0.382	0.375	1.8	84	0.00
47	n-amyl Acetate	0.658	0.605	8.1	83	0.00
48 M	t-1,3-Dichloropropene	0.453	0.445	1.8	84	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	0.490	0.495	-1.0	86	0.00
50 M	1,1,2-Trichloroethane	0.325	0.342	-5.2	89	0.00
51	Ethyl methacrylate	0.532	0.520	2.3	86	0.00
52	1,3-Dichloropropane	0.533	0.539	-1.1	85	0.00
53 M	Dibromochloromethane	0.378	0.365	3.4	84	0.00
54 M	1,2-Dibromoethane	0.338	0.350	-3.6	88	0.00
55 M	2-Chloroethyl vinyl ether	0.246	0.261	-6.1	91	0.00
56 M	Bromoform	0.271	0.254	6.3	82	0.00
57 I	Chlorobenzene-d5	1.000	1.000	0.0	84	0.00
58 M	4-Methyl-2-Pentanone	0.565	0.574	-1.6	84	0.00
59 M	2-Hexanone	0.447	0.440	1.6	83	0.00
60 S	4-Bromofluorobenzene	0.489	0.493	-0.8	86	0.00
61 M	Tetrachloroethene	0.298	0.320	-7.4	91	0.00
62 M	Toluene	1.469	1.535	-4.5	89	0.00
63 S	Toluene-d8	1.355	1.368	-1.0	84	0.00
64 M	Chlorobenzene	0.940	0.967	-2.9	87	0.00
65	1,1,1,2-Tetrachloroethane	0.341	0.354	-3.8	88	0.00
66 M	Ethyl Benzene	1.633	1.651	-1.1	86	0.00
67 M	m/p-Xylenes	0.617	0.627	-1.6	87	0.00
68 M	o-Xylene	0.609	0.625	-2.6	87	0.00
69 M	Styrene	1.048	1.053	-0.5	87	0.00
70	Isopropylbenzene	1.602	1.652	-3.1	87	0.00
71 M	1,1,2,2-Tetrachloroethane	0.578	0.581	-0.5	85	0.00
72	1,2,3-Trichloropropane	0.472	0.473	-0.2	88	0.00
73	Bromobenzene	0.407	0.407	0.0	88	0.00
74	n-propylbenzene	1.874	1.868	0.3	85	0.00
75	2-Chlorotoluene	1.144	1.175	-2.7	89	0.00
76	1,3,5-Trimethylbenzene	1.358	1.395	-2.7	89	0.00
77	t-1,4-Dichloro-2-butene	0.168	0.160	4.8	86	0.00
78	4-Chlorotoluene	1.312	1.320	-0.6	88	0.00
79	tert-butylbenzene	1.393	1.410	-1.2	88	0.00
80	1,2,4-Trimethylbenzene	1.340	1.376	-2.7	90	0.00
81	sec-Butylbenzene	1.708	1.750	-2.5	88	0.00
82	p-Isopropyltoluene	1.430	1.429	0.1	86	0.00
83 M	1,3-Dichlorobenzene	0.749	0.750	-0.1	87	0.00
84 M	1,4-Dichlorobenzene	0.753	0.743	1.3	86	0.00
85	n-Butylbenzene	1.289	1.185	8.1	80	0.00
86 T	Hexachloroethane	0.258	0.240	7.0	83	0.00
87 M	1,2-Dichlorobenzene	0.746	0.752	-0.8	88	0.00
88	1,2-Dibromo-3-Chloropropane	0.131	0.125	4.6	86	0.00
89	1,2,4-Trichlorobenzene	0.486	0.459	5.6	83	0.00
90	Hexachlorobutadiene	0.210	0.211	-0.5	89	0.00
91 M	Naphthalene	1.635	1.590	2.8	87	0.00
92	1,2,3-Trichlorobenzene	0.490	0.482	1.6	85	0.00

(#) = Out of Range

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