

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071224\
 Data File : VX042294.D
 Acq On : 12 Jul 2024 11:43
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC020

Quant Time: Jul 15 02:51:30 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X061424W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Sat Jun 15 04:02:59 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	85	0.00
2 M	Dichlorodifluoromethane	1.942	1.795	7.6	77	0.00
3 M	Chloromethane	2.171	1.696	21.9	66	0.00
4 M	Vinyl Chloride	2.123	1.744	17.9	72	0.00
5 M	Bromomethane	1.135	0.956	15.8	75	0.00
6 M	Chloroethane	0.907	0.955	-5.3	90	0.00
7 M	Trichlorofluoromethane	2.674	2.823	-5.6	89	0.00
8 T	Diethyl Ether	1.157	1.063	8.1	80	0.00
9	1,1,2-Trichlorotrifluoroeth	1.818	1.860	-2.3	89	0.00
10 M	1,1-Dichloroethene	1.833	1.714	6.5	82	0.00
11	Methyl Iodide	2.386	1.714	28.2#	62	0.00
12	Methyl Acetate	2.338	2.710	-15.9	99	0.00
13 M	Acrolein	0.471	0.416	11.7	80	0.00
14 M	Acrylonitrile	1.109	1.032	6.9	79	0.00
15 M	Acetone	0.317	0.290	8.5	76	0.00
16 M	Carbon Disulfide	4.018	3.300	17.9	80	0.00
17	Allyl chloride	2.784	2.613	6.1	80	0.00
18 M	Methylene Chloride	2.103	1.975	6.1	80	0.00
19 M	trans-1,2-Dichloroethene	1.837	1.717	6.5	82	0.00
20 T	Diisopropyl ether	5.723	5.484	4.2	83	0.00
21 M	1,1-Dichloroethane	3.269	3.163	3.2	85	0.00
22 M	cis-1,2-Dichloroethene	2.223	2.151	3.2	85	0.00
23 M	tert-Butyl Alcohol	0.412	0.367	10.9	75	0.00
24 M	Methyl tert-Butyl Ether	5.671	5.560	2.0	86	0.00
25 M	Chloroform	3.322	3.334	-0.4	87	0.00
26	Cyclohexane	2.840	2.610	8.1	81	0.00
27 s	1,2-Dichloroethane-d4	2.065	2.055	0.5	86	0.00
28 I	1,4-Difluorobenzene	1.000	1.000	0.0	85	0.00
29	1,1-Dichloropropene	0.392	0.391	0.3	87	0.00
30 M	2-Butanone	0.262	0.246	6.1	76	0.00
31	2,2-Dichloropropane	0.429	0.397	7.5	80	0.00
32 M	1,1,1-Trichloroethane	0.496	0.505	-1.8	88	0.00
33 M	Carbon Tetrachloride	0.428	0.440	-2.8	89	0.00
34 M	Benzene	1.304	1.296	0.6	83	0.00
35	Methacrylonitrile	0.263	0.254	3.4	81	0.00
36 M	1,2-Dichloroethane	0.406	0.420	-3.4	86	0.00
37 M	Trichloroethene	0.356	0.358	-0.6	87	0.00
38	Methylcyclohexane	0.519	0.503	3.1	84	0.00
39 M	1,2-Dichloropropane	0.311	0.308	1.0	83	0.00
40	Dibromomethane	0.230	0.229	0.4	85	0.00
41 M	Bromodichloromethane	0.412	0.420	-1.9	89	0.00
42 M	Vinyl Acetate	0.876	0.822	6.2	79	0.00
43	Ethyl Acetate	0.491	0.460	6.3	80	0.00
44	Isopropyl Acetate	0.735	0.697	5.2	81	0.00
45 T	1,4-Dioxane	0.009	0.008	11.1	78	0.00
46	Methyl methacrylate	0.359	0.335	6.7	78	0.00
47	n-amyl Acetate	0.659	0.605	8.2	80	0.00
48 M	t-1,3-Dichloropropene	0.424	0.396	6.6	83	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	0.476	0.469	1.5	85	0.00
50 M	1,1,2-Trichloroethane	0.334	0.335	-0.3	84	0.00
51	Ethyl methacrylate	0.531	0.501	5.6	82	0.00
52	1,3-Dichloropropane	0.546	0.557	-2.0	85	0.00
53 M	Dibromochloromethane	0.366	0.370	-1.1	89	0.00
54 M	1,2-Dibromoethane	0.352	0.361	-2.6	85	0.00
55 M	2-Chloroethyl vinyl ether	0.247	0.255	-3.2	83	0.00
56 M	Bromoform	0.298	0.288	3.4	88	0.00
57 I	Chlorobenzene-d5	1.000	1.000	0.0	85	0.00
58 M	4-Methyl-2-Pentanone	0.538	0.526	2.2	79	0.00
59 M	2-Hexanone	0.415	0.399	3.9	78	0.00
60 S	4-Bromofluorobenzene	0.464	0.468	-0.9	85	0.00
61 M	Tetrachloroethene	0.377	0.403	-6.9	88	0.00
62 M	Toluene	1.518	1.523	-0.3	84	0.00
63 S	Toluene-d8	1.284	1.266	1.4	81	0.00
64 M	Chlorobenzene	1.034	1.039	-0.5	84	0.00
65	1,1,1,2-Tetrachloroethane	0.357	0.363	-1.7	87	0.00
66 M	Ethyl Benzene	1.660	1.658	0.1	84	0.00
67 M	m/p-Xylenes	0.668	0.672	-0.6	85	0.00
68 M	o-Xylene	0.666	0.662	0.6	83	0.00
69 M	Styrene	1.112	1.123	-1.0	84	0.00
70	Isopropylbenzene	1.674	1.725	-3.0	86	0.00
71 M	1,1,2,2-Tetrachloroethane	0.579	0.577	0.3	82	0.00
72	1,2,3-Trichloropropane	0.469	0.464	1.1	83	0.00
73	Bromobenzene	0.488	0.495	-1.4	86	0.00
74	n-propylbenzene	1.838	1.871	-1.8	86	0.00
75	2-Chlorotoluene	1.167	1.177	-0.9	84	0.00
76	1,3,5-Trimethylbenzene	1.402	1.417	-1.1	84	0.00
77	t-1,4-Dichloro-2-butene	0.174	0.142	18.4	77	0.00
78	4-Chlorotoluene	1.297	1.308	-0.8	86	0.00
79	tert-butylbenzene	1.488	1.504	-1.1	85	0.00
80	1,2,4-Trimethylbenzene	1.401	1.445	-3.1	87	0.00
81	sec-Butylbenzene	1.736	1.786	-2.9	87	0.00
82	p-Isopropyltoluene	1.521	1.549	-1.8	87	0.00
83 M	1,3-Dichlorobenzene	0.870	0.885	-1.7	87	0.00
84 M	1,4-Dichlorobenzene	0.866	0.885	-2.2	88	0.00
85	n-Butylbenzene	1.176	1.157	1.6	89	0.00
86 T	Hexachloroethane	0.248	0.238	4.0	87	0.00
87 M	1,2-Dichlorobenzene	0.880	0.894	-1.6	86	0.00
88	1,2-Dibromo-3-Chloropropane	0.120	0.110	8.3	82	0.00
89	1,2,4-Trichlorobenzene	0.596	0.573	3.9	89	0.00
90	Hexachlorobutadiene	0.294	0.302	-2.7	90	0.00
91 M	Naphthalene	1.800	1.724	4.2	84	0.00
92	1,2,3-Trichlorobenzene	0.617	0.623	-1.0	90	0.00

(#) = Out of Range

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