

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071224\
 Data File : VX042313.D
 Acq On : 12 Jul 2024 19:17
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC020

Quant Time: Jul 15 04:34:17 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	86	0.00
2 M	Dichlorodifluoromethane	1.942	1.655	14.8	72	0.00
3 M	Chloromethane	2.171	1.676	22.8	66	0.00
4 M	Vinyl Chloride	2.123	1.669	21.4	70	0.00
5 M	Bromomethane	1.135	0.804	29.2#	64	0.00
6 M	Chloroethane	0.907	1.024	-12.9	97	0.00
7 M	Trichlorofluoromethane	2.674	2.595	3.0	83	0.00
8 T	Diethyl Ether	1.157	1.046	9.6	80	0.00
9	1,1,2-Trichlorotrifluoroeth	1.818	1.720	5.4	84	0.00
10 M	1,1-Dichloroethene	1.833	1.638	10.6	79	0.00
11	Methyl Iodide	2.386	1.583	33.7#	58	0.00
12	Methyl Acetate	2.338	2.780	-18.9	103	0.00
13 M	Acrolein	0.471	0.401	14.9	78	0.00
14 M	Acrylonitrile	1.109	1.019	8.1	80	0.00
15 M	Acetone	0.317	0.266	16.1	71	0.00
16 M	Carbon Disulfide	4.018	3.157	21.4	78	0.00
17	Allyl chloride	2.784	2.566	7.8	79	0.00
18 M	Methylene Chloride	2.103	1.942	7.7	80	0.00
19 M	trans-1,2-Dichloroethene	1.837	1.680	8.5	81	0.00
20 T	Diisopropyl ether	5.723	5.432	5.1	83	0.00
21 M	1,1-Dichloroethane	3.269	3.091	5.4	84	0.00
22 M	cis-1,2-Dichloroethene	2.223	2.085	6.2	84	0.00
23 M	tert-Butyl Alcohol	0.412	0.432	-4.9	90	0.00
24 M	Methyl tert-Butyl Ether	5.671	5.516	2.7	86	0.00
25 M	Chloroform	3.322	3.260	1.9	86	0.00
26	Cyclohexane	2.840	2.446	13.9	77	0.00
27 s	1,2-Dichloroethane-d4	2.065	1.983	4.0	84	0.00
28 I	1,4-Difluorobenzene	1.000	1.000	0.0	84	0.00
29	1,1-Dichloropropene	0.392	0.366	6.6	80	0.00
30 M	2-Butanone	0.262	0.255	2.7	78	0.00
31	2,2-Dichloropropane	0.429	0.390	9.1	78	0.00
32 M	1,1,1-Trichloroethane	0.496	0.511	-3.0	88	0.00
33 M	Carbon Tetrachloride	0.428	0.442	-3.3	88	0.00
34 M	Benzene	1.304	1.287	1.3	81	0.00
35	Methacrylonitrile	0.263	0.253	3.8	80	0.00
36 M	1,2-Dichloroethane	0.406	0.421	-3.7	85	0.00
37 M	Trichloroethene	0.356	0.358	-0.6	86	0.00
38	Methylcyclohexane	0.519	0.471	9.2	78	0.00
39 M	1,2-Dichloropropane	0.311	0.304	2.3	81	0.00
40	Dibromomethane	0.230	0.233	-1.3	85	0.00
41 M	Bromodichloromethane	0.412	0.427	-3.6	90	0.00
42 M	Vinyl Acetate	0.876	0.845	3.5	80	0.00
43	Ethyl Acetate	0.491	0.483	1.6	83	0.00
44	Isopropyl Acetate	0.735	0.716	2.6	82	0.00
45 T	1,4-Dioxane	0.009	0.007	22.2	66	0.00
46	Methyl methacrylate	0.359	0.351	2.2	81	0.00
47	n-amyl Acetate	0.659	0.633	3.9	83	0.00
48 M	t-1,3-Dichloropropene	0.424	0.409	3.5	85	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	0.476	0.471	1.1	85	0.00
50 M	1,1,2-Trichloroethane	0.334	0.354	-6.0	88	0.00
51	Ethyl methacrylate	0.531	0.519	2.3	84	0.00
52	1,3-Dichloropropane	0.546	0.564	-3.3	85	0.00
53 M	Dibromochloromethane	0.366	0.379	-3.6	91	0.00
54 M	1,2-Dibromoethane	0.352	0.363	-3.1	84	0.00
55 M	2-Chloroethyl vinyl ether	0.247	0.286	-15.8	92	0.00
56 M	Bromoform	0.298	0.301	-1.0	91	0.00
57 I	Chlorobenzene-d5	1.000	1.000	0.0	84	0.00
58 M	4-Methyl-2-Pentanone	0.538	0.536	0.4	80	0.00
59 M	2-Hexanone	0.415	0.412	0.7	80	0.00
60 S	4-Bromofluorobenzene	0.464	0.468	-0.9	84	0.00
61 M	Tetrachloroethene	0.377	0.369	2.1	79	0.00
62 M	Toluene	1.518	1.540	-1.4	84	0.00
63 S	Toluene-d8	1.284	1.260	1.9	80	0.00
64 M	Chlorobenzene	1.034	1.028	0.6	82	0.00
65	1,1,1,2-Tetrachloroethane	0.357	0.378	-5.9	90	0.00
66 M	Ethyl Benzene	1.660	1.623	2.2	82	0.00
67 M	m/p-Xylenes	0.668	0.663	0.7	83	0.00
68 M	o-Xylene	0.666	0.673	-1.1	84	0.00
69 M	Styrene	1.112	1.116	-0.4	83	0.00
70	Isopropylbenzene	1.674	1.702	-1.7	84	0.00
71 M	1,1,2,2-Tetrachloroethane	0.579	0.599	-3.5	84	0.00
72	1,2,3-Trichloropropane	0.469	0.466	0.6	83	0.00
73	Bromobenzene	0.488	0.495	-1.4	85	0.00
74	n-propylbenzene	1.838	1.816	1.2	83	0.00
75	2-Chlorotoluene	1.167	1.164	0.3	83	0.00
76	1,3,5-Trimethylbenzene	1.402	1.409	-0.5	83	0.00
77	t-1,4-Dichloro-2-butene	0.174	0.144	17.2	77	0.00
78	4-Chlorotoluene	1.297	1.272	1.9	83	0.00
79	tert-butylbenzene	1.488	1.520	-2.2	85	0.00
80	1,2,4-Trimethylbenzene	1.401	1.427	-1.9	85	0.00
81	sec-Butylbenzene	1.736	1.731	0.3	84	0.00
82	p-Isopropyltoluene	1.521	1.517	0.3	84	0.00
83 M	1,3-Dichlorobenzene	0.870	0.866	0.5	84	0.00
84 M	1,4-Dichlorobenzene	0.866	0.843	2.7	83	0.00
85	n-Butylbenzene	1.176	1.093	7.1	83	0.00
86 T	Hexachloroethane	0.248	0.238	4.0	86	0.00
87 M	1,2-Dichlorobenzene	0.880	0.882	-0.2	84	0.00
88	1,2-Dibromo-3-Chloropropane	0.120	0.118	1.7	87	0.00
89	1,2,4-Trichlorobenzene	0.596	0.569	4.5	87	0.00
90	Hexachlorobutadiene	0.294	0.291	1.0	86	0.00
91 M	Naphthalene	1.800	1.737	3.5	84	0.00
92	1,2,3-Trichlorobenzene	0.617	0.603	2.3	86	0.00

(#) = Out of Range

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