

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX030624\
 Data File : VX040598.D
 Acq On : 06 Mar 2024 11:54
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC020

Quant Time: Mar 07 04:35:00 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X030524W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Tue Mar 05 13:21:29 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	81	0.00
2 M	Dichlorodifluoromethane	2.035	1.807	11.2	80	0.00
3 M	Chloromethane	2.085	1.878	9.9	79	0.00
4 M	Vinyl Chloride	2.253	1.999	11.3	80	0.00
5 M	Bromomethane	1.376	1.450	-5.4	80	0.01
6 M	Chloroethane	1.324	1.232	6.9	91	0.02
7 M	Trichlorofluoromethane	3.430	2.990	12.8	83	0.01
8 T	Diethyl Ether	1.165	1.106	5.1	90	0.00
9	1,1,2-Trichlorotrifluoroeth	1.879	1.760	6.3	85	0.00
10 M	1,1-Dichloroethene	1.789	1.587	11.3	81	0.00
11	Methyl Iodide	2.164	1.839	15.0	80	0.00
12	Methyl Acetate	2.947	3.081	-4.5	95	0.00
13 M	Acrolein	0.556	0.521	6.3	87	0.00
14 M	Acrylonitrile	1.160	1.201	-3.5	93	0.00
15 M	Acetone	0.332	0.329	0.9	83	0.00
16 M	Carbon Disulfide	4.917	4.160	15.4	79	0.00
17	Allyl chloride	3.301	3.059	7.3	84	0.00
18 M	Methylene Chloride	2.043	2.002	2.0	89	0.00
19 M	trans-1,2-Dichloroethene	1.953	1.796	8.0	83	0.00
20 T	Diisopropyl ether	6.603	6.360	3.7	88	0.00
21 M	1,1-Dichloroethane	3.799	3.464	8.8	82	0.00
22 M	cis-1,2-Dichloroethene	2.268	2.127	6.2	84	0.00
23 M	tert-Butyl Alcohol	0.548	0.568	-3.6	97	-0.04
24 M	Methyl tert-Butyl Ether	6.602	6.524	1.2	90	0.00
25 M	Chloroform	4.158	3.906	6.1	86	0.00
26	Cyclohexane	3.066	2.693	12.2	82	0.00
27 s	1,2-Dichloroethane-d4	2.996	2.972	0.8	85	0.00
28 I	1,4-Difluorobenzene	1.000	1.000	0.0	80	0.00
29	1,1-Dichloropropene	0.519	0.515	0.8	86	0.00
30 M	2-Butanone	0.317	0.354	-11.7	91	0.00
31	2,2-Dichloropropane	0.560	0.513	8.4	77	0.00
32 M	1,1,1-Trichloroethane	0.654	0.643	1.7	84	0.01
33 M	Carbon Tetrachloride	0.551	0.518	6.0	82	0.00
34 M	Benzene	1.402	1.416	-1.0	85	0.00
35	Methacrylonitrile	0.325	0.368	-13.2	93	0.00
36 M	1,2-Dichloroethane	0.648	0.703	-8.5	90	0.00
37 M	Trichloroethene	0.377	0.375	0.5	85	0.00
38	Methylcyclohexane	0.559	0.550	1.6	83	0.00
39 M	1,2-Dichloropropane	0.357	0.383	-7.3	88	0.00
40	Dibromomethane	0.280	0.306	-9.3	88	0.00
41 M	Bromodichloromethane	0.558	0.586	-5.0	87	0.00
42 M	Vinyl Acetate	1.091	1.158	-6.1	90	0.00
43	Ethyl Acetate	0.597	0.682	-14.2	92	0.00
44	Isopropyl Acetate	0.953	1.008	-5.8	90	0.00
45 T	1,4-Dioxane	0.010	0.012	-20.0	98	0.00
46	Methyl methacrylate	0.473	0.530	-12.1	91	0.00
47	n-amyl Acetate	0.821	0.765	6.8	87	0.00
48 M	t-1,3-Dichloropropene	0.590	0.593	-0.5	88	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	0.601	0.627	-4.3	89	0.00
50 M	1,1,2-Trichloroethane	0.372	0.409	-9.9	91	0.00
51	Ethyl methacrylate	0.586	0.621	-6.0	88	0.00
52	1,3-Dichloropropane	0.636	0.683	-7.4	88	0.00
53 M	Dibromochloromethane	0.425	0.440	-3.5	88	0.00
54 M	1,2-Dibromoethane	0.412	0.437	-6.1	88	0.00
55 M	2-Chloroethyl vinyl ether	0.299	0.320	-7.0	86	0.00
56 M	Bromoform	0.301	0.289	4.0	87	0.00
57 I	Chlorobenzene-d5	1.000	1.000	0.0	87	0.00
58 M	4-Methyl-2-Pentanone	0.668	0.740	-10.8	91	0.00
59 M	2-Hexanone	0.540	0.592	-9.6	93	0.00
60 S	4-Bromofluorobenzene	0.515	0.476	7.6	82	0.00
61 M	Tetrachloroethene	0.356	0.372	-4.5	88	0.00
62 M	Toluene	1.652	1.639	0.8	83	0.00
63 S	Toluene-d8	1.326	1.328	-0.2	78	0.00
64 M	Chlorobenzene	1.010	1.021	-1.1	94	0.00
65	1,1,1,2-Tetrachloroethane	0.385	0.377	2.1	93	0.00
66 M	Ethyl Benzene	1.905	1.865	2.1	92	0.00
67 M	m/p-Xylenes	0.704	0.695	1.3	93	0.00
68 M	o-Xylene	0.677	0.670	1.0	91	0.00
69 M	Styrene	1.138	1.130	0.7	91	0.00
70	Isopropylbenzene	1.830	1.676	8.4	86	0.00
71 M	1,1,2,2-Tetrachloroethane	0.642	0.643	-0.2	92	0.00
72	1,2,3-Trichloropropane	0.577	0.570	1.2	96	0.00
73	Bromobenzene	0.433	0.408	5.8	88	0.00
74	n-propylbenzene	2.260	2.048	9.4	86	0.00
75	2-Chlorotoluene	1.341	1.199	10.6	85	0.00
76	1,3,5-Trimethylbenzene	1.611	1.478	8.3	87	0.00
77	t-1,4-Dichloro-2-butene	0.179	0.162	9.5	85	0.00
78	4-Chlorotoluene	1.600	1.473	7.9	92	0.00
79	tert-butylbenzene	1.504	1.454	3.3	95	0.00
80	1,2,4-Trimethylbenzene	1.587	1.583	0.3	98	0.00
81	sec-Butylbenzene	1.985	1.920	3.3	95	0.00
82	p-Isopropyltoluene	1.625	1.533	5.7	93	0.00
83 M	1,3-Dichlorobenzene	0.843	0.859	-1.9	97	0.00
84 M	1,4-Dichlorobenzene	0.862	0.870	-0.9	97	0.00
85	n-Butylbenzene	1.581	1.489	5.8	93	0.00
86 T	Hexachloroethane	0.284	0.267	6.0	97	0.00
87 M	1,2-Dichlorobenzene	0.819	0.818	0.1	94	0.00
88	1,2-Dibromo-3-Chloropropane	0.172	0.192	-11.6	107	0.00
89	1,2,4-Trichlorobenzene	0.552	0.540	2.2	94	0.00
90	Hexachlorobutadiene	0.223	0.205	8.1	88	0.00
91 M	Naphthalene	1.799	1.824	-1.4	98	0.00
92	1,2,3-Trichlorobenzene	0.544	0.529	2.8	93	0.00

(#) = Out of Range

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