

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072324\
 Data File : VX042457.D
 Acq On : 23 Jul 2024 08:46
 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 23 15:08:13 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X071924W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Jul 19 11:30:14 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	97	0.00
2 M	Dichlorodifluoromethane	1.798	1.659	7.7	97	0.00
3 M	Chloromethane	1.880	1.690	10.1	97	0.00
4 M	Vinyl Chloride	1.868	1.575	15.7	89	0.00
5 M	Bromomethane	0.938	0.747	20.4	88	0.00
6 M	Chloroethane	0.805	0.964	-19.8	123	0.01
7 M	Trichlorofluoromethane	2.337	2.373	-1.5	102	0.02
8 T	Diethyl Ether	0.980	0.969	1.1	102	0.00
9	1,1,2-Trichlorotrifluoroeth	1.820	1.698	6.7	100	0.00
10 M	1,1-Dichloroethene	1.749	1.570	10.2	96	0.00
11	Methyl Iodide	1.978	1.627	17.7	93	0.00
12	Methyl Acetate	2.875	3.138	-9.1	106	0.00
13 M	Acrolein	0.361	0.220	39.1#	67	0.00
14 M	Acrylonitrile	1.080	1.059	1.9	101	-0.01
15 M	Acetone	0.321	0.331	-3.1	105	0.00
16 M	Carbon Disulfide	3.458	3.108	10.1	105	0.00
17	Allyl chloride	2.783	2.730	1.9	99	0.00
18 M	Methylene Chloride	1.998	1.853	7.3	95	0.00
19 M	trans-1,2-Dichloroethene	1.767	1.586	10.2	96	0.00
20 T	Diisopropyl ether	5.865	5.457	7.0	96	0.00
21 M	1,1-Dichloroethane	3.329	3.081	7.4	96	0.00
22 M	cis-1,2-Dichloroethene	2.213	2.010	9.2	95	0.00
23 M	tert-Butyl Alcohol	0.411	0.444	-8.0	105	-0.03
24 M	Methyl tert-Butyl Ether	5.838	5.342	8.5	96	0.00
25 M	Chloroform	3.441	3.226	6.2	98	0.00
26	Cyclohexane	2.757	2.372	14.0	93	0.00
27 s	1,2-Dichloroethane-d4	2.149	2.110	1.8	97	0.00
28 I	1,4-Difluorobenzene	1.000	1.000	0.0	95	0.00
29	1,1-Dichloropropene	0.391	0.365	6.6	95	0.00
30 M	2-Butanone	0.261	0.277	-6.1	106	-0.01
31	2,2-Dichloropropane	0.450	0.423	6.0	94	0.00
32 M	1,1,1-Trichloroethane	0.505	0.492	2.6	98	0.00
33 M	Carbon Tetrachloride	0.441	0.422	4.3	98	0.00
34 M	Benzene	1.285	1.238	3.7	95	0.00
35	Methacrylonitrile	0.258	0.266	-3.1	102	0.00
36 M	1,2-Dichloroethane	0.417	0.418	-0.2	98	0.00
37 M	Trichloroethene	0.345	0.329	4.6	97	0.00
38	Methylcyclohexane	0.503	0.461	8.3	95	0.00
39 M	1,2-Dichloropropane	0.316	0.309	2.2	99	0.00
40	Dibromomethane	0.228	0.221	3.1	97	0.00
41 M	Bromodichloromethane	0.427	0.422	1.2	101	0.00
42 M	Vinyl Acetate	0.845	0.811	4.0	96	0.00
43	Ethyl Acetate	0.464	0.468	-0.9	99	0.00
44	Isopropyl Acetate	0.728	0.717	1.5	99	-0.01
45 T	1,4-Dioxane	0.008	0.008	0.0	91	0.00
46	Methyl methacrylate	0.355	0.354	0.3	100	0.00
47	n-amyl Acetate	0.647	0.608	6.0	102	0.00
48 M	t-1,3-Dichloropropene	0.426	0.401	5.9	100	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	0.479	0.466	2.7	100	0.00
50 M	1,1,2-Trichloroethane	0.334	0.333	0.3	98	0.00
51	Ethyl methacrylate	0.523	0.484	7.5	97	0.00
52	1,3-Dichloropropane	0.543	0.535	1.5	97	0.00
53 M	Dibromochloromethane	0.367	0.366	0.3	105	0.00
54 M	1,2-Dibromoethane	0.348	0.347	0.3	99	0.00
55 M	2-Chloroethyl vinyl ether	0.253	0.254	-0.4	105	0.00
56 M	Bromoform	0.296	0.281	5.1	105	0.00
57 I	Chlorobenzene-d5	1.000	1.000	0.0	98	0.00
58 M	4-Methyl-2-Pentanone	0.529	0.556	-5.1	105	0.00
59 M	2-Hexanone	0.414	0.428	-3.4	105	0.00
60 S	4-Bromofluorobenzene	0.467	0.464	0.6	99	0.00
61 M	Tetrachloroethene	0.364	0.381	-4.7	105	0.00
62 M	Toluene	1.500	1.443	3.8	96	0.00
63 S	Toluene-d8	1.303	1.310	-0.5	96	0.00
64 M	Chlorobenzene	1.012	0.972	4.0	99	0.00
65	1,1,1,2-Tetrachloroethane	0.364	0.346	4.9	99	0.00
66 M	Ethyl Benzene	1.634	1.546	5.4	98	0.00
67 M	m/p-Xylenes	0.653	0.630	3.5	99	0.00
68 M	o-Xylene	0.650	0.607	6.6	97	0.00
69 M	Styrene	1.094	1.035	5.4	99	0.00
70	Isopropylbenzene	1.658	1.617	2.5	100	0.00
71 M	1,1,2,2-Tetrachloroethane	0.571	0.562	1.6	100	0.00
72	1,2,3-Trichloropropane	0.453	0.464	-2.4	104	0.00
73	Bromobenzene	0.474	0.448	5.5	98	0.00
74	n-propylbenzene	1.832	1.773	3.2	103	0.00
75	2-Chlorotoluene	1.152	1.109	3.7	100	0.00
76	1,3,5-Trimethylbenzene	1.385	1.314	5.1	99	0.00
77	t-1,4-Dichloro-2-butene	0.166	0.154	7.2	107	0.00
78	4-Chlorotoluene	1.283	1.226	4.4	100	0.00
79	tert-butylbenzene	1.479	1.382	6.6	98	0.00
80	1,2,4-Trimethylbenzene	1.394	1.331	4.5	101	0.00
81	sec-Butylbenzene	1.747	1.677	4.0	101	0.00
82	p-Isopropyltoluene	1.514	1.416	6.5	100	0.00
83 M	1,3-Dichlorobenzene	0.851	0.808	5.1	101	0.00
84 M	1,4-Dichlorobenzene	0.845	0.795	5.9	102	0.00
85	n-Butylbenzene	1.189	1.101	7.4	104	0.00
86 T	Hexachloroethane	0.257	0.240	6.6	105	0.00
87 M	1,2-Dichlorobenzene	0.860	0.810	5.8	99	0.00
88	1,2-Dibromo-3-Chloropropane	0.117	0.116	0.9	107	0.00
89	1,2,4-Trichlorobenzene	0.582	0.510	12.4	99	0.00
90	Hexachlorobutadiene	0.289	0.269	6.9	102	0.00
91 M	Naphthalene	1.737	1.588	8.6	99	0.00
92	1,2,3-Trichlorobenzene	0.600	0.545	9.2	100	0.00

(#) = Out of Range

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