

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX030924\
 Data File : VX040628.D
 Acq On : 08 Mar 2024 15:30
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC020

Quant Time: Mar 08 23:53:48 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	93	0.00
2 M	Dichlorodifluoromethane	2.035	2.073	-1.9	107	0.00
3 M	Chloromethane	2.085	2.042	2.1	100	0.00
4 M	Vinyl Chloride	2.253	2.249	0.2	103	0.00
5 M	Bromomethane	1.376	1.739	-26.4#	110	0.01
6 M	Chloroethane	1.324	1.384	-4.5	117	0.02
7 M	Trichlorofluoromethane	3.430	3.455	-0.7	111	0.01
8 T	Diethyl Ether	1.165	1.153	1.0	108	0.00
9	1,1,2-Trichlorotrifluoroeth	1.879	1.929	-2.7	107	0.00
10 M	1,1-Dichloroethene	1.789	1.737	2.9	103	0.00
11	Methyl Iodide	2.164	1.666	23.0	83	0.00
12	Methyl Acetate	2.947	2.964	-0.6	105	0.00
13 M	Acrolein	0.556	0.552	0.7	106	0.00
14 M	Acrylonitrile	1.160	1.136	2.1	101	0.00
15 M	Acetone	0.332	0.296	10.8	86	0.00
16 M	Carbon Disulfide	4.917	4.544	7.6	100	0.01
17	Allyl chloride	3.301	3.260	1.2	104	0.00
18 M	Methylene Chloride	2.043	1.952	4.5	100	0.00
19 M	trans-1,2-Dichloroethene	1.953	1.993	-2.0	106	0.00
20 T	Diisopropyl ether	6.603	6.505	1.5	103	0.00
21 M	1,1-Dichloroethane	3.799	3.820	-0.6	105	0.00
22 M	cis-1,2-Dichloroethene	2.268	2.259	0.4	103	0.00
23 M	tert-Butyl Alcohol	0.548	0.493	10.0	97	-0.03
24 M	Methyl tert-Butyl Ether	6.602	6.558	0.7	105	0.00
25 M	Chloroform	4.158	4.102	1.3	104	0.00
26	Cyclohexane	3.066	3.053	0.4	108	0.00
27 s	1,2-Dichloroethane-d4	2.996	2.905	3.0	96	0.00
28 I	1,4-Difluorobenzene	1.000	1.000	0.0	97	0.00
29	1,1-Dichloropropene	0.519	0.540	-4.0	110	0.00
30 M	2-Butanone	0.317	0.306	3.5	96	0.00
31	2,2-Dichloropropane	0.560	0.585	-4.5	106	0.00
32 M	1,1,1-Trichloroethane	0.654	0.661	-1.1	105	0.01
33 M	Carbon Tetrachloride	0.551	0.569	-3.3	109	0.00
34 M	Benzene	1.402	1.427	-1.8	104	0.00
35	Methacrylonitrile	0.325	0.314	3.4	97	0.00
36 M	1,2-Dichloroethane	0.648	0.673	-3.9	104	0.01
37 M	Trichloroethene	0.377	0.391	-3.7	108	0.00
38	Methylcyclohexane	0.559	0.600	-7.3	110	0.00
39 M	1,2-Dichloropropane	0.357	0.373	-4.5	105	0.00
40	Dibromomethane	0.280	0.286	-2.1	100	0.00
41 M	Bromodichloromethane	0.558	0.564	-1.1	102	0.00
42 M	Vinyl Acetate	1.091	1.098	-0.6	104	0.00
43	Ethyl Acetate	0.597	0.576	3.5	95	0.00
44	Isopropyl Acetate	0.953	0.954	-0.1	103	0.00
45 T	1,4-Dioxane	0.010	0.008	20.0	82	0.00
46	Methyl methacrylate	0.473	0.499	-5.5	105	0.00
47	n-amyl Acetate	0.821	0.806	1.8	112	0.00
48 M	t-1,3-Dichloropropene	0.590	0.582	1.4	106	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	0.601	0.621	-3.3	108	0.00
50 M	1,1,2-Trichloroethane	0.372	0.378	-1.6	102	0.00
51	Ethyl methacrylate	0.586	0.598	-2.0	104	0.00
52	1,3-Dichloropropane	0.636	0.656	-3.1	103	0.00
53 M	Dibromochloromethane	0.425	0.417	1.9	101	0.00
54 M	1,2-Dibromoethane	0.412	0.411	0.2	101	0.00
55 M	2-Chloroethyl vinyl ether	0.299	0.324	-8.4	105	0.00
56 M	Bromoform	0.301	0.283	6.0	103	0.00
57 I	Chlorobenzene-d5	1.000	1.000	0.0	106	0.00
58 M	4-Methyl-2-Pentanone	0.668	0.667	0.1	100	0.00
59 M	2-Hexanone	0.540	0.530	1.9	101	0.00
60 S	4-Bromofluorobenzene	0.515	0.528	-2.5	111	0.00
61 M	Tetrachloroethene	0.356	0.374	-5.1	108	0.00
62 M	Toluene	1.652	1.665	-0.8	103	0.00
63 S	Toluene-d8	1.326	1.312	1.1	94	0.00
64 M	Chlorobenzene	1.010	1.020	-1.0	115	0.00
65	1,1,1,2-Tetrachloroethane	0.385	0.397	-3.1	119	0.00
66 M	Ethyl Benzene	1.905	1.980	-3.9	120	0.00
67 M	m/p-Xylenes	0.704	0.713	-1.3	116	0.00
68 M	o-Xylene	0.677	0.669	1.2	111	0.00
69 M	Styrene	1.138	1.113	2.2	110	0.00
70	Isopropylbenzene	1.830	1.867	-2.0	117	0.00
71 M	1,1,2,2-Tetrachloroethane	0.642	0.648	-0.9	113	0.00
72	1,2,3-Trichloropropane	0.577	0.581	-0.7	120	0.00
73	Bromobenzene	0.433	0.456	-5.3	120	0.00
74	n-propylbenzene	2.260	2.350	-4.0	121	0.00
75	2-Chlorotoluene	1.341	1.425	-6.3	124	0.00
76	1,3,5-Trimethylbenzene	1.611	1.682	-4.4	122	0.00
77	t-1,4-Dichloro-2-butene	0.179	0.164	8.4	105	0.00
78	4-Chlorotoluene	1.600	1.673	-4.6	127	0.00
79	tert-butylbenzene	1.504	1.545	-2.7	124	0.00
80	1,2,4-Trimethylbenzene	1.587	1.626	-2.5	123	0.00
81	sec-Butylbenzene	1.985	2.065	-4.0	125	0.00
82	p-Isopropyltoluene	1.625	1.684	-3.6	124	0.00
83 M	1,3-Dichlorobenzene	0.843	0.866	-2.7	120	0.00
84 M	1,4-Dichlorobenzene	0.862	0.876	-1.6	119	0.00
85	n-Butylbenzene	1.581	1.600	-1.2	122	0.00
86 T	Hexachloroethane	0.284	0.283	0.4	125	0.00
87 M	1,2-Dichlorobenzene	0.819	0.843	-2.9	119	0.00
88	1,2-Dibromo-3-Chloropropane	0.172	0.171	0.6	116	0.00
89	1,2,4-Trichlorobenzene	0.552	0.520	5.8	110	0.00
90	Hexachlorobutadiene	0.223	0.207	7.2	109	0.00
91 M	Naphthalene	1.799	1.612	10.4	106	0.00
92	1,2,3-Trichlorobenzene	0.544	0.482	11.4	103	0.00

(#) = Out of Range

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