

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112822\
 Data File : VX033101.D
 Acq On : 28 Nov 2022 20:05
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC020

Quant Time: Nov 29 03:46:00 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X111022W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Nov 11 05:24:06 2022
 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	94	0.00
2 M	Dichlorodifluoromethane	2.655	2.614	1.5	87	0.00
3 M	Chloromethane	2.635	2.729	-3.6	93	0.00
4 M	Vinyl Chloride	2.979	3.075	-3.2	92	0.00
5 M	Bromomethane	2.645	1.947	26.4#	68	0.00
6 M	Chloroethane	2.353	2.266	3.7	90	0.00
7 M	Trichlorofluoromethane	5.743	6.298	-9.7	99	0.00
8 T	Diethyl Ether	1.857	2.034	-9.5	100	0.00
9	1,1,2-Trichlorotrifluoroeth	3.055	3.203	-4.8	95	0.00
10 M	1,1-Dichloroethene	2.918	3.036	-4.0	96	0.00
11	Methyl Iodide	3.138	3.035	3.3	97	0.00
12	Methyl Acetate	4.323	4.511	-4.3	95	0.00
13 M	Acrolein	0.576	0.604	-4.9	101	0.00
14 M	Acrylonitrile	1.550	1.573	-1.5	95	0.00
15 M	Acetone	0.403	0.423	-5.0	95	0.01
16 M	Carbon Disulfide	7.265	7.770	-7.0	102	0.00
17	Allyl chloride	4.637	4.835	-4.3	99	0.00
18 M	Methylene Chloride	3.366	3.412	-1.4	94	0.00
19 M	trans-1,2-Dichloroethene	3.215	3.250	-1.1	95	0.00
20 T	Diisopropyl ether	10.398	10.638	-2.3	97	0.00
21 M	1,1-Dichloroethane	5.837	6.130	-5.0	96	0.00
22 M	cis-1,2-Dichloroethene	3.754	3.872	-3.1	97	0.00
23 M	tert-Butyl Alcohol	0.503	0.550	-9.3	92	0.03
24 M	Methyl tert-Butyl Ether	10.450	10.776	-3.1	98	0.00
25 M	Chloroform	6.510	6.779	-4.1	99	0.00
26	Cyclohexane	5.098	5.203	-2.1	96	0.00
27 s	1,2-Dichloroethane-d4	2.894	2.890	0.1	94	0.00
28 I	1,4-Difluorobenzene	1.000	1.000	0.0	93	0.00
29	1,1-Dichloropropene	0.665	0.685	-3.0	95	0.00
30 M	2-Butanone	0.310	0.323	-4.2	96	0.00
31	2,2-Dichloropropane	0.569	0.682	-19.9	111	0.00
32 M	1,1,1-Trichloroethane	0.837	0.911	-8.8	101	0.00
33 M	Carbon Tetrachloride	0.735	0.786	-6.9	100	0.00
34 M	Benzene	1.875	1.949	-3.9	96	0.00
35	Methacrylonitrile	0.351	0.355	-1.1	94	0.00
36 M	1,2-Dichloroethane	0.772	0.816	-5.7	96	0.00
37 M	Trichloroethene	0.524	0.540	-3.1	95	0.00
38	Methylcyclohexane	0.745	0.757	-1.6	94	0.00
39 M	1,2-Dichloropropane	0.475	0.485	-2.1	95	0.00
40	Dibromomethane	0.362	0.384	-6.1	98	0.00
41 M	Bromodichloromethane	0.691	0.755	-9.3	103	0.00
42 M	Vinyl Acetate	1.192	1.238	-3.9	97	0.00
43	Ethyl Acetate	0.624	0.656	-5.1	95	0.00
44	Isopropyl Acetate	1.046	1.049	-0.3	95	0.00
45 T	1,4-Dioxane	0.010	0.012	-20.0	109	0.02
46	Methyl methacrylate	0.526	0.532	-1.1	94	0.00
47	n-amyl Acetate	0.930	0.876	5.8	88	0.00
48 M	t-1,3-Dichloropropene	0.708	0.750	-5.9	102	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	0.748	0.814	-8.8	104	0.00
50 M	1,1,2-Trichloroethane	0.498	0.518	-4.0	99	0.00
51	Ethyl methacrylate	0.744	0.746	-0.3	94	0.00
52	1,3-Dichloropropane	0.814	0.846	-3.9	95	0.00
53 M	Dibromochloromethane	0.542	0.593	-9.4	106	0.00
54 M	1,2-Dibromoethane	0.537	0.565	-5.2	100	0.00
55 M	2-Chloroethyl vinyl ether	0.360	0.345	4.2	90	0.00
56 M	Bromoform	0.388	0.437	-12.6	111	0.00
57 I	Chlorobenzene-d5	1.000	1.000	0.0	93	0.00
58 M	4-Methyl-2-Pentanone	0.587	0.599	-2.0	92	0.00
59 M	2-Hexanone	0.432	0.450	-4.2	94	0.00
60 S	4-Bromofluorobenzene	0.574	0.552	3.8	92	0.00
61 M	Tetrachloroethene	0.419	0.427	-1.9	96	0.00
62 M	Toluene	1.951	1.995	-2.3	96	0.00
63 S	Toluene-d8	1.012	0.995	1.7	92	0.00
64 M	Chlorobenzene	1.206	1.221	-1.2	95	0.00
65	1,1,1,2-Tetrachloroethane	0.459	0.494	-7.6	100	0.00
66 M	Ethyl Benzene	2.189	2.221	-1.5	95	0.00
67 M	m/p-Xylenes	0.852	0.876	-2.8	97	0.00
68 M	o-Xylene	0.836	0.841	-0.6	94	0.00
69 M	Styrene	1.389	1.391	-0.1	94	0.00
70	Isopropylbenzene	2.231	2.247	-0.7	94	0.00
71 M	1,1,2,2-Tetrachloroethane	0.677	0.708	-4.6	96	0.00
72	1,2,3-Trichloropropane	0.588	0.624	-6.1	95	0.00
73	Bromobenzene	0.542	0.551	-1.7	95	0.00
74	n-propylbenzene	2.535	2.566	-1.2	95	0.00
75	2-Chlorotoluene	1.535	1.552	-1.1	94	0.00
76	1,3,5-Trimethylbenzene	1.886	1.910	-1.3	94	0.00
77	t-1,4-Dichloro-2-butene	0.179	0.186	-3.9	104	0.00
78	4-Chlorotoluene	1.768	1.807	-2.2	96	0.00
79	tert-butylbenzene	1.833	1.855	-1.2	95	0.00
80	1,2,4-Trimethylbenzene	1.844	1.876	-1.7	93	0.00
81	sec-Butylbenzene	2.207	2.242	-1.6	96	0.00
82	p-Isopropyltoluene	1.860	1.896	-1.9	96	0.00
83 M	1,3-Dichlorobenzene	0.995	1.022	-2.7	95	0.00
84 M	1,4-Dichlorobenzene	0.999	1.024	-2.5	95	0.00
85	n-Butylbenzene	1.576	1.584	-0.5	95	0.00
86 T	Hexachloroethane	0.305	0.336	-10.2	108	0.00
87 M	1,2-Dichlorobenzene	0.989	1.014	-2.5	96	0.00
88	1,2-Dibromo-3-Chloropropane	0.144	0.166	-15.3	114	0.00
89	1,2,4-Trichlorobenzene	0.607	0.601	1.0	94	0.00
90	Hexachlorobutadiene	0.244	0.259	-6.1	101	0.00
91 M	Naphthalene	2.049	2.075	-1.3	95	0.00
92	1,2,3-Trichlorobenzene	0.611	0.607	0.7	92	0.00

(#) = Out of Range

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