

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX030422\
 Data File : VX027291.D
 Acq On : 04 Mar 2022 10:47
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC020

Quant Time: Mar 05 01:47:47 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X030322W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Mar 04 01:00:22 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	110	-0.01
2 M	Dichlorodifluoromethane	1.920	1.843	4.0	101	0.00
3 M	Chloromethane	1.544	1.456	5.7	100	0.00
4 M	Vinyl Chloride	1.479	1.403	5.1	102	0.00
5 M	Bromomethane	0.795	0.814	-2.4	102	0.00
6 M	Chloroethane	0.874	0.840	3.9	105	0.00
7 M	Trichlorofluoromethane	2.530	2.526	0.2	109	0.00
8 T	Diethyl Ether	0.806	0.773	4.1	107	0.00
9	1,1,2-Trichlorotrifluoroeth	1.768	1.742	1.5	106	0.00
10 M	1,1-Dichloroethene	1.718	1.670	2.8	107	0.00
11	Methyl Iodide	2.002	1.483	25.9#	93	0.00
12	Methyl Acetate	2.235	2.028	9.3	99	0.00
13 M	Acrolein	0.356	0.372	-4.5	120	0.00
14 M	Acrylonitrile	1.008	0.909	9.8	98	0.00
15 M	Acetone	0.289	0.331	-14.5	119	0.00
16 M	Carbon Disulfide	4.562	4.426	3.0	107	0.00
17	Allyl chloride	2.855	2.679	6.2	102	0.00
18 M	Methylene Chloride	1.940	1.759	9.3	99	0.00
19 M	trans-1,2-Dichloroethene	1.858	1.808	2.7	107	0.00
20 T	Diisopropyl ether	5.489	5.173	5.8	102	0.00
21 M	1,1-Dichloroethane	3.211	2.987	7.0	101	0.00
22 M	cis-1,2-Dichloroethene	2.134	2.038	4.5	104	0.00
23 M	tert-Butyl Alcohol	0.399	0.314	21.3	89	-0.01
24 M	Methyl tert-Butyl Ether	5.702	5.364	5.9	102	0.00
25 M	Chloroform	3.422	3.192	6.7	101	0.00
26	Cyclohexane	2.891	2.828	2.2	108	-0.01
27 s	1,2-Dichloroethane-d4	2.077	2.067	0.5	110	0.00
28 I	1,4-Difluorobenzene	1.000	1.000	0.0	109	0.00
29	1,1-Dichloropropene	0.459	0.447	2.6	107	0.00
30 M	2-Butanone	0.259	0.250	3.5	103	-0.01
31	2,2-Dichloropropane	0.461	0.437	5.2	107	0.00
32 M	1,1,1-Trichloroethane	0.557	0.531	4.7	105	0.00
33 M	Carbon Tetrachloride	0.508	0.493	3.0	108	0.00
34 M	Benzene	1.340	1.281	4.4	103	0.00
35	Methacrylonitrile	0.271	0.239	11.8	95	-0.01
36 M	1,2-Dichloroethane	0.488	0.462	5.3	102	0.00
37 M	Trichloroethene	0.405	0.384	5.2	106	0.00
38	Methylcyclohexane	0.568	0.562	1.1	110	0.00
39 M	1,2-Dichloropropane	0.329	0.311	5.5	104	0.00
40	Dibromomethane	0.246	0.225	8.5	102	0.00
41 M	Bromodichloromethane	0.474	0.438	7.6	103	0.00
42 M	Vinyl Acetate	0.868	0.809	6.8	101	0.00
43	Ethyl Acetate	0.491	0.446	9.2	101	-0.01
44	Isopropyl Acetate	0.757	0.677	10.6	99	0.00
45 T	1,4-Dioxane	0.009	0.007	22.2	88	0.00
46	Methyl methacrylate	0.376	0.340	9.6	99	0.00
47	n-amyl Acetate	0.624	0.527	15.5	95	0.00
48 M	t-1,3-Dichloropropene	0.490	0.422	13.9	100	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	0.538	0.484	10.0	100	0.00
50 M	1,1,2-Trichloroethane	0.350	0.319	8.9	102	0.00
51	Ethyl methacrylate	0.542	0.466	14.0	98	0.00
52	1,3-Dichloropropane	0.584	0.533	8.7	101	0.00
53 M	Dibromochloromethane	0.382	0.342	10.5	102	0.00
54 M	1,2-Dibromoethane	0.379	0.330	12.9	98	0.00
55 M	2-Chloroethyl vinyl ether	0.263	0.251	4.6	106	0.00
56 M	Bromoform	0.279	0.227	18.6	98	0.00
57 I	Chlorobenzene-d5	1.000	1.000	0.0	106	0.00
58 M	4-Methyl-2-Pentanone	0.543	0.495	8.8	94	0.00
59 M	2-Hexanone	0.415	0.388	6.5	97	0.00
60 S	4-Bromofluorobenzene	0.486	0.479	1.4	106	0.00
61 M	Tetrachloroethene	0.438	0.443	-1.1	104	0.00
62 M	Toluene	1.634	1.567	4.1	100	0.00
63 S	Toluene-d8	1.311	1.328	-1.3	100	0.00
64 M	Chlorobenzene	1.047	0.990	5.4	100	0.00
65	1,1,1,2-Tetrachloroethane	0.397	0.379	4.5	103	0.00
66 M	Ethyl Benzene	1.842	1.747	5.2	99	0.00
67 M	m/p-Xylenes	0.721	0.681	5.5	99	0.00
68 M	o-Xylene	0.705	0.654	7.2	97	0.00
69 M	Styrene	1.172	1.074	8.4	96	0.00
70	Isopropylbenzene	1.855	1.755	5.4	98	0.00
71 M	1,1,2,2-Tetrachloroethane	0.542	0.485	10.5	94	0.00
72	1,2,3-Trichloropropane	0.526	0.459	12.7	91	0.00
73	Bromobenzene	0.461	0.426	7.6	97	0.00
74	n-propylbenzene	2.114	1.995	5.6	100	0.00
75	2-Chlorotoluene	1.280	1.206	5.8	99	0.00
76	1,3,5-Trimethylbenzene	1.558	1.482	4.9	99	0.00
77	t-1,4-Dichloro-2-butene	0.156	0.133	14.7	100	0.00
78	4-Chlorotoluene	1.457	1.355	7.0	98	0.00
79	tert-butylbenzene	1.515	1.421	6.2	98	0.00
80	1,2,4-Trimethylbenzene	1.552	1.454	6.3	99	0.00
81	sec-Butylbenzene	1.927	1.815	5.8	101	0.00
82	p-Isopropyltoluene	1.649	1.512	8.3	96	0.00
83 M	1,3-Dichlorobenzene	0.864	0.814	5.8	101	0.00
84 M	1,4-Dichlorobenzene	0.862	0.801	7.1	101	0.00
85	n-Butylbenzene	1.345	1.276	5.1	103	0.00
86 T	Hexachloroethane	0.256	0.222	13.3	97	0.00
87 M	1,2-Dichlorobenzene	0.835	0.770	7.8	96	0.00
88	1,2-Dibromo-3-Chloropropane	0.128	0.105	18.0	90	0.00
89	1,2,4-Trichlorobenzene	0.549	0.491	10.6	98	0.00
90	Hexachlorobutadiene	0.230	0.218	5.2	103	0.00
91 M	Naphthalene	1.828	1.618	11.5	95	0.00
92	1,2,3-Trichlorobenzene	0.550	0.480	12.7	96	0.00

(#) = Out of Range

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