

Data Path : Z:\voasrv\HPCHEM1\MSVOA X\Data\VX010920\
 Data File : VX014487.D
 Acq On : 09 Jan 2020 09:54
 Operator : JC/SP
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC020

Quant Time: Jan 09 14:39:54 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X121219W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Dec 13 01:35:34 2019
 Response via : Initial Calibration

Min. RRF : 0.050 Min. Rel. Area : 20% Max. R.T. Dev 0.50min
 Max. RRF Dev : 30% Max. Rel. Area : 150%

	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
1 I	Bromochloromethane	1.000	1.000	0.0	88	0.00
2 M	Dichlorodifluoromethane	1.515	1.578	-4.2	95	0.00
3 M	Chloromethane	2.136	2.156	-0.9	88	0.00
4 M	Vinyl Chloride	2.190	2.326	-6.2	96	0.00
5 M	Bromomethane	1.601	1.419	11.4	82	0.00
6 M	Chloroethane	1.352	1.583	-17.1	107	0.01
7 M	Trichlorofluoromethane	2.725	3.018	-10.8	99	0.00
8 T	Diethyl Ether	1.252	1.348	-7.7	97	0.00
9	1,1,2-Trichlorotrifluoroeth	1.625	1.834	-12.9	103	0.00
10 M	1,1-Dichloroethene	1.680	1.780	-6.0	97	0.00
11	Methyl Iodide	2.163	2.155	0.4	96	0.00
12	Methyl Acetate	2.601	2.721	-4.6	93	0.00
13 M	Acrolein	0.315	0.390	-23.8	103	0.00
14 M	Acrylonitrile	1.017	1.040	-2.3	93	0.00
15 M	Acetone	0.299	0.368	-23.1	114	0.00
16 M	Carbon Disulfide	4.551	4.822	-6.0	99	0.00
17	Allyl chloride	3.019	3.301	-9.3	99	0.00
18 M	Methylene Chloride	2.058	2.077	-0.9	91	0.00
19 M	trans-1,2-Dichloroethene	1.840	1.938	-5.3	96	0.00
20 T	Diisopropyl ether	6.194	6.603	-6.6	95	0.00
21 M	1,1-Dichloroethane	3.362	3.533	-5.1	95	0.00
22 M	cis-1,2-Dichloroethene	2.133	2.246	-5.3	95	0.00
23 M	tert-Butyl Alcohol	0.399	0.432	-8.3	97	-0.02
24 M	Methyl tert-Butyl Ether	5.675	6.008	-5.9	95	0.00
25 M	Chloroform	3.205	3.472	-8.3	96	0.00
26	Cyclohexane	2.998	3.266	-8.9	97	0.00
27 s	1,2-Dichloroethane-d4	2.149	2.102	2.2	86	0.00
28 I	1,4-Difluorobenzene	1.000	1.000	0.0	89	0.00
29	1,1-Dichloropropene	0.433	0.456	-5.3	97	0.00
30 M	2-Butanone	0.255	0.284	-11.4	103	0.00
31	2,2-Dichloropropane	0.401	0.514	-28.2	117	0.00
32 M	1,1,1-Trichloroethane	0.479	0.505	-5.4	98	0.00
33 M	Carbon Tetrachloride	0.407	0.434	-6.6	99	0.00
34 M	Benzene	1.351	1.434	-6.1	96	0.00
35	Methacrylonitrile	0.275	0.272	1.1	89	0.00
36 M	1,2-Dichloroethane	0.469	0.478	-1.9	95	0.00
37 M	Trichloroethene	0.368	0.398	-8.2	99	0.00
38	Methylcyclohexane	0.517	0.586	-13.3	105	0.00
39 M	1,2-Dichloropropane	0.351	0.360	-2.6	94	0.00
40	Dibromomethane	0.224	0.233	-4.0	95	0.00
41 M	Bromodichloromethane	0.434	0.459	-5.8	99	0.00
42 M	Vinyl Acetate	0.902	0.961	-6.5	95	0.00
43	Ethyl Acetate	0.490	0.508	-3.7	95	-0.01
44	Isopropyl Acetate	0.821	0.830	-1.1	95	0.00
45 T	1,4-Dioxane	0.008	0.009#	-12.5	101	0.00

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	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46	Methyl methacrylate	0.399	0.400	-0.3	93	0.00
47	n-amyl Acetate	0.730	0.697	4.5	90	0.00
48 M	t-1,3-Dichloropropene	0.474	0.513	-8.2	106	0.00
49 T	cis-1,3-Dichloropropene	0.533	0.562	-5.4	100	0.00
50 M	1,1,2-Trichloroethane	0.346	0.363	-4.9	95	0.00
51	Ethyl methacrylate	0.550	0.554	-0.7	95	0.00
52	1,3-Dichloropropane	0.588	0.604	-2.7	93	0.00
53 M	Dibromochloromethane	0.346	0.370	-6.9	102	0.00
54 M	1,2-Dibromoethane	0.356	0.373	-4.8	97	0.00
55 M	2-Chloroethyl vinyl ether	0.243	0.243	0.0	91	0.00
56 M	Bromoform	0.270	0.272	-0.7	100	0.00
57 I	Chlorobenzene-d5	1.000	1.000	0.0	90	0.00
58 M	4-Methyl-2-Pentanone	0.561	0.563	-0.4	92	0.00
59 M	2-Hexanone	0.426	0.452	-6.1	98	0.00
60 S	4-Bromofluorobenzene	0.484	0.484	0.0	91	0.00
61 M	Tetrachloroethene	0.397	0.481	-21.2	115	0.00
62 M	Toluene	1.596	1.687	-5.7	96	0.00
63 S	Toluene-d8	1.341	1.340	0.1	88	0.00
64 M	Chlorobenzene	1.000	1.064	-6.4	97	0.00
65	1,1,1,2-Tetrachloroethane	0.370	0.385	-4.1	98	0.00
66 M	Ethyl Benzene	1.746	1.859	-6.5	98	0.00
67 M	m/p-Xylenes	0.667	0.718	-7.6	98	0.00
68 M	o-Xylene	0.661	0.685	-3.6	95	0.00
69 M	Styrene	1.125	1.154	-2.6	97	0.00
70	Isopropylbenzene	1.709	1.837	-7.5	99	0.00
71 M	1,1,2,2-Tetrachloroethane	0.606	0.572	5.6	86	0.00
72	1,2,3-Trichloropropane	0.539	0.492	8.7	83	0.00
73	Bromobenzene	0.456	0.478	-4.8	98	0.00
74	n-propylbenzene	1.938	2.100	-8.4	101	0.00
75	2-Chlorotoluene	1.171	1.228	-4.9	96	0.00
76	1,3,5-Trimethylbenzene	1.450	1.533	-5.7	98	0.00
77	t-1,4-Dichloro-2-butene	0.178	0.183	-2.8	106	0.00
78	4-Chlorotoluene	1.338	1.415	-5.8	98	0.00
79	tert-butylbenzene	1.397	1.446	-3.5	96	0.00
80	1,2,4-Trimethylbenzene	1.449	1.532	-5.7	98	0.00
81	sec-Butylbenzene	1.662	1.760	-5.9	99	0.00
82	p-Isopropyltoluene	1.500	1.612	-7.5	101	0.00
83 M	1,3-Dichlorobenzene	0.795	0.834	-4.9	100	0.00
84 M	1,4-Dichlorobenzene	0.792	0.840	-6.1	100	0.00
85	n-Butylbenzene	1.261	1.389	-10.2	108	0.00
86 T	Hexachloroethane	0.272	0.276	-1.5	103	0.00
87 M	1,2-Dichlorobenzene	0.808	0.834	-3.2	98	0.00
88	1,2-Dibromo-3-Chloropropane	0.121	0.117	3.3	91	0.00
89	1,2,4-Trichlorobenzene	0.516	0.559	-8.3	108	0.00
90	Hexachlorobutadiene	0.245	0.274	-11.8	107	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
91 M	Naphthalene	1.551	1.651	-6.4	105	0.00
92	1,2,3-Trichlorobenzene	0.524	0.569	-8.6	108	0.00

(#) = Out of Range

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