

Data Path : Z:\voasrv\HPCHEM1\MSVOA X\Data\VX032620\
 Data File : VX015363.D
 Acq On : 26 Mar 2020 18:01
 Operator : JC/SP
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC020

Quant Time: Mar 27 08:28:28 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X032520W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Mar 26 02:31:53 2020
 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	102	0.00
2 M	Dichlorodifluoromethane	1.433	1.291	9.9	100	0.00
3 M	Chloromethane	1.768	1.618	8.5	106	0.00
4 M	Vinyl Chloride	1.701	1.581	7.1	104	0.00
5 M	Bromomethane	0.905	1.161	-28.3	114	0.00
6 M	Chloroethane	1.061	0.988	6.9	101	0.00
7 M	Trichlorofluoromethane	2.431	2.264	6.9	101	0.00
8 T	Diethyl Ether	0.935	0.876	6.3	104	0.00
9	1,1,2-Trichlorotrifluoroeth	1.608	1.533	4.7	103	0.00
10 M	1,1-Dichloroethene	1.634	1.548	5.3	103	0.00
11	Methyl Iodide	2.171	1.511	30.4#	81	0.00
12	Methyl Acetate	2.390	2.457	-2.8	111	0.00
13 M	Acrolein	0.311	0.281	9.6	96	0.00
14 M	Acrylonitrile	1.023	1.040	-1.7	108	0.00
15 M	Acetone	0.260	0.265	-1.9	107	0.00
16 M	Carbon Disulfide	4.775	4.500	5.8	102	0.00
17	Allyl chloride	3.688	3.577	3.0	105	0.00
18 M	Methylene Chloride	1.834	1.777	3.1	105	0.00
19 M	trans-1,2-Dichloroethene	1.767	1.722	2.5	105	0.00
20 T	Diisopropyl ether	6.615	6.578	0.6	106	0.00
21 M	1,1-Dichloroethane	3.377	3.302	2.2	105	0.00
22 M	cis-1,2-Dichloroethene	2.036	1.926	5.4	103	0.00
23 M	tert-Butyl Alcohol	0.503	0.514	-2.2	107	0.00
24 M	Methyl tert-Butyl Ether	6.065	5.942	2.0	105	0.00
25 M	Chloroform	3.338	3.193	4.3	104	0.00
26	Cyclohexane	3.226	3.049	5.5	102	0.00
27 s	1,2-Dichloroethane-d4	2.344	2.433	-3.8	105	0.00
28 I	1,4-Difluorobenzene	1.000	1.000	0.0	102	0.00
29	1,1-Dichloropropene	0.451	0.441	2.2	105	0.00
30 M	2-Butanone	0.270	0.279	-3.3	108	0.00
31	2,2-Dichloropropane	0.542	0.521	3.9	101	0.00
32 M	1,1,1-Trichloroethane	0.550	0.530	3.6	103	0.00
33 M	Carbon Tetrachloride	0.501	0.474	5.4	101	0.00
34 M	Benzene	1.299	1.272	2.1	104	0.00
35	Methacrylonitrile	0.306	0.316	-3.3	110	0.00
36 M	1,2-Dichloroethane	0.502	0.506	-0.8	105	0.00
37 M	Trichloroethene	0.366	0.353	3.6	103	0.00
38	Methylcyclohexane	0.553	0.528	4.5	102	0.00
39 M	1,2-Dichloropropane	0.349	0.342	2.0	104	0.00
40	Dibromomethane	0.232	0.222	4.3	103	0.00
41 M	Bromodichloromethane	0.505	0.483	4.4	103	0.00
42 M	Vinyl Acetate	1.024	1.068	-4.3	106	0.00
43	Ethyl Acetate	0.588	0.540	8.2	106	0.00
44	Isopropyl Acetate	0.946	0.954	-0.8	107	0.00
45 T	1,4-Dioxane	0.009	0.008#	11.1	98	0.00

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	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46	Methyl methacrylate	0.472	0.467	1.1	105	0.00
47	n-amyl Acetate	0.816	0.788	3.4	105	0.00
48 M	t-1,3-Dichloropropene	0.583	0.557	4.5	103	0.00
49 T	cis-1,3-Dichloropropene	0.601	0.580	3.5	103	0.00
50 M	1,1,2-Trichloroethane	0.333	0.318	4.5	102	0.00
51	Ethyl methacrylate	0.573	0.561	2.1	106	0.00
52	1,3-Dichloropropane	0.576	0.552	4.2	101	0.00
53 M	Dibromochloromethane	0.411	0.377	8.3	99	0.00
54 M	1,2-Dibromoethane	0.358	0.347	3.1	103	0.00
55 M	2-Chloroethyl vinyl ether	0.271	0.262	3.3	100	0.00
56 M	Bromoform	0.338	0.312	7.7	101	0.00
57 I	Chlorobenzene-d5	1.000	1.000	0.0	103	0.00
58 M	4-Methyl-2-Pentanone	0.574	0.609	-6.1	108	0.00
59 M	2-Hexanone	0.437	0.457	-4.6	108	0.00
60 S	4-Bromofluorobenzene	0.513	0.524	-2.1	104	0.00
61 M	Tetrachloroethene	0.386	0.369	4.4	102	0.00
62 M	Toluene	1.520	1.491	1.9	104	0.00
63 S	Toluene-d8	1.275	1.298	-1.8	103	0.00
64 M	Chlorobenzene	0.977	0.944	3.4	105	0.00
65	1,1,1,2-Tetrachloroethane	0.399	0.377	5.5	103	0.00
66 M	Ethyl Benzene	1.736	1.718	1.0	104	0.00
67 M	m/p-Xylenes	0.657	0.640	2.6	104	0.00
68 M	o-Xylene	0.642	0.619	3.6	103	0.00
69 M	Styrene	1.119	1.072	4.2	102	0.00
70	Isopropylbenzene	1.702	1.663	2.3	103	0.00
71 M	1,1,2,2-Tetrachloroethane	0.552	0.545	1.3	107	0.00
72	1,2,3-Trichloropropane	0.516	0.515	0.2	106	0.00
73	Bromobenzene	0.457	0.432	5.5	104	0.00
74	n-propylbenzene	1.953	1.909	2.3	103	0.00
75	2-Chlorotoluene	1.188	1.157	2.6	103	0.00
76	1,3,5-Trimethylbenzene	1.462	1.421	2.8	103	0.00
77	t-1,4-Dichloro-2-butene	0.222	0.210	5.4	102	0.00
78	4-Chlorotoluene	1.374	1.338	2.6	103	0.00
79	tert-butylbenzene	1.461	1.365	6.6	100	0.00
80	1,2,4-Trimethylbenzene	1.481	1.425	3.8	102	0.00
81	sec-Butylbenzene	1.676	1.613	3.8	102	0.00
82	p-Isopropyltoluene	1.580	1.524	3.5	104	0.00
83 M	1,3-Dichlorobenzene	0.822	0.746	9.2	100	0.00
84 M	1,4-Dichlorobenzene	0.820	0.768	6.3	102	0.00
85	n-Butylbenzene	1.408	1.350	4.1	103	0.00
86 T	Hexachloroethane	0.305	0.286	6.2	105	0.00
87 M	1,2-Dichlorobenzene	0.802	0.756	5.7	103	0.00
88	1,2-Dibromo-3-Chloropropane	0.145	0.140	3.4	103	0.00
89	1,2,4-Trichlorobenzene	0.646	0.571	11.6	101	0.00
90	Hexachlorobutadiene	0.340	0.283	16.8	98	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
91 M	Naphthalene	1.870	1.843	1.4	105	0.00
92	1,2,3-Trichlorobenzene	0.642	0.572	10.9	100	0.00

(#) = Out of Range

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