

Data Path : Z:\voasrv\HPCHEM1\MSVOA X\Data\VX050120\
 Data File : VX016026.D
 Acq On : 01 May 2020 20:49
 Operator : JC/SP
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC020

Quant Time: May 02 08:16:21 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X043020W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Apr 30 12:42:44 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	107	0.00
2 M	Dichlorodifluoromethane	2.066	1.884	8.8	96	0.00
3 M	Chloromethane	2.025	1.899	6.2	102	0.00
4 M	Vinyl Chloride	2.300	2.089	9.2	101	0.00
5 M	Bromomethane	1.410	1.386	1.7	97	0.00
6 M	Chloroethane	1.508	1.338	11.3	98	0.00
7 M	Trichlorofluoromethane	3.295	2.787	15.4	94	0.00
8 T	Diethyl Ether	1.315	1.138	13.5	99	0.00
9	1,1,2-Trichlorotrifluoroeth	1.701	1.498	11.9	101	0.00
10 M	1,1-Dichloroethene	1.717	1.567	8.7	103	0.00
11	Methyl Iodide	2.344	2.030	13.4	103	0.00
12	Methyl Acetate	2.997	2.957	1.3	109	0.00
13 M	Acrolein	0.240	0.207	13.8	114	0.00
14 M	Acrylonitrile	1.107	1.054	4.8	110	0.00
15 M	Acetone	0.293	0.292	0.3	116	0.00
16 M	Carbon Disulfide	5.222	4.717	9.7	104	0.00
17	Allyl chloride	3.185	2.858	10.3	102	0.00
18 M	Methylene Chloride	1.923	1.797	6.6	107	0.00
19 M	trans-1,2-Dichloroethene	1.878	1.706	9.2	105	0.00
20 T	Diisopropyl ether	6.140	5.623	8.4	106	0.00
21 M	1,1-Dichloroethane	3.424	3.111	9.1	104	0.00
22 M	cis-1,2-Dichloroethene	2.131	1.967	7.7	108	0.00
23 M	tert-Butyl Alcohol	0.542	0.515	5.0	109	0.00
24 M	Methyl tert-Butyl Ether	6.165	5.702	7.5	106	0.00
25 M	Chloroform	3.477	3.124	10.2	103	0.00
26	Cyclohexane	3.131	2.779	11.2	102	0.00
27 s	1,2-Dichloroethane-d4	2.306	2.292	0.6	103	0.00
28 I	1,4-Difluorobenzene	1.000	1.000	0.0	106	0.00
29	1,1-Dichloropropene	0.472	0.420	11.0	103	0.00
30 M	2-Butanone	0.281	0.270	3.9	109	0.00
31	2,2-Dichloropropane	0.568	0.442	22.2	88	0.00
32 M	1,1,1-Trichloroethane	0.572	0.507	11.4	100	0.00
33 M	Carbon Tetrachloride	0.510	0.449	12.0	101	0.00
34 M	Benzene	1.378	1.274	7.5	105	0.00
35	Methacrylonitrile	0.299	0.282	5.7	108	0.00
36 M	1,2-Dichloroethane	0.526	0.473	10.1	102	0.00
37 M	Trichloroethene	0.490	0.436	11.0	97	0.00
38	Methylcyclohexane	0.577	0.499	13.5	100	0.00
39 M	1,2-Dichloropropane	0.354	0.328	7.3	106	0.00
40	Dibromomethane	0.246	0.221	10.2	102	0.00
41 M	Bromodichloromethane	0.506	0.453	10.5	105	0.00
42 M	Vinyl Acetate	0.930	0.843	9.4	105	0.00
43	Ethyl Acetate	0.555	0.520	6.3	106	0.00
44	Isopropyl Acetate	0.900	0.830	7.8	105	0.00
45 T	1,4-Dioxane	0.010	0.009#	10.0	107	0.00

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	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46	Methyl methacrylate	0.427	0.390	8.7	106	0.00
47	n-amyl Acetate	0.787	0.689	12.5	103	0.00
48 M	t-1,3-Dichloropropene	0.588	0.518	11.9	104	0.00
49 T	cis-1,3-Dichloropropene	0.608	0.539	11.3	102	0.00
50 M	1,1,2-Trichloroethane	0.346	0.314	9.2	105	0.00
51	Ethyl methacrylate	0.572	0.517	9.6	108	0.00
52	1,3-Dichloropropane	0.598	0.555	7.2	106	0.00
53 M	Dibromochloromethane	0.394	0.344	12.7	104	0.00
54 M	1,2-Dibromoethane	0.380	0.344	9.5	106	0.00
55 M	2-Chloroethyl vinyl ether	0.311	0.269	13.5	104	0.00
56 M	Bromoform	0.297	0.246	17.2	102	0.00
57 I	Chlorobenzene-d5	1.000	1.000	0.0	107	0.00
58 M	4-Methyl-2-Pentanone	0.592	0.551	6.9	107	0.00
59 M	2-Hexanone	0.457	0.424	7.2	108	0.00
60 S	4-Bromofluorobenzene	0.503	0.490	2.6	105	0.00
61 M	Tetrachloroethene	0.593	0.524	11.6	97	0.00
62 M	Toluene	1.603	1.448	9.7	105	0.00
63 S	Toluene-d8	1.287	1.295	-0.6	106	0.00
64 M	Chlorobenzene	1.021	0.903	11.6	103	0.00
65	1,1,1,2-Tetrachloroethane	0.387	0.334	13.7	102	0.00
66 M	Ethyl Benzene	1.825	1.634	10.5	104	0.00
67 M	m/p-Xylenes	0.695	0.612	11.9	104	0.00
68 M	o-Xylene	0.670	0.588	12.2	104	0.00
69 M	Styrene	1.147	0.998	13.0	104	0.00
70	Isopropylbenzene	1.810	1.567	13.4	102	0.00
71 M	1,1,2,2-Tetrachloroethane	0.336	0.324	3.6	142	0.00
72	1,2,3-Trichloropropane	0.545	0.493	9.5	106	0.00
73	Bromobenzene	0.456	0.398	12.7	103	0.00
74	n-propylbenzene	2.102	1.810	13.9	102	0.00
75	2-Chlorotoluene	1.236	1.077	12.9	103	0.00
76	1,3,5-Trimethylbenzene	1.536	1.324	13.8	104	0.00
77	t-1,4-Dichloro-2-butene	0.234	0.197	15.8	102	0.00
78	4-Chlorotoluene	1.462	1.263	13.6	103	0.00
79	tert-butylbenzene	1.312	1.137	13.3	105	0.00
80	1,2,4-Trimethylbenzene	1.535	1.329	13.4	103	0.00
81	sec-Butylbenzene	1.770	1.501	15.2	102	0.00
82	p-Isopropyltoluene	1.640	1.366	16.7	100	0.00
83 M	1,3-Dichlorobenzene	0.822	0.709	13.7	104	0.00
84 M	1,4-Dichlorobenzene	0.817	0.714	12.6	106	0.00
85	n-Butylbenzene	1.498	1.221	18.5	99	0.00
86 T	Hexachloroethane	0.289	0.240	17.0	104	0.00
87 M	1,2-Dichlorobenzene	0.795	0.694	12.7	103	0.00
88	1,2-Dibromo-3-Chloropropane	0.141	0.126	10.6	109	0.00
89	1,2,4-Trichlorobenzene	0.586	0.500	14.7	102	0.00
90	Hexachlorobutadiene	0.252	0.211	16.3	97	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
91 M	Naphthalene	1.865	1.672	10.3	106	0.00
92	1,2,3-Trichlorobenzene	0.563	0.497	11.7	106	0.00

(#) = Out of Range

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