

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX091820\
 Data File : VX018480.D
 Acq On : 18 Sep 2020 09:53
 Operator : JC/SP
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC020

Quant Time: Sep 21 01:14:05 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X090420W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Sep 04 12:13:41 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	94	0.00
2 M	Dichlorodifluoromethane	1.587	1.468	7.5	93	0.00
3 M	Chloromethane	1.686	1.571	6.8	94	0.00
4 M	Vinyl Chloride	1.776	1.587	10.6	90	0.00
5 M	Bromomethane	1.208	1.210	-0.2	92	0.00
6 M	Chloroethane	1.079	1.001	7.2	92	0.00
7 M	Trichlorofluoromethane	3.009	2.852	5.2	96	0.00
8 T	Diethyl Ether	0.949	0.876	7.7	93	0.00
9	1,1,2-Trichlorotrifluoroeth	1.537	1.504	2.1	98	0.00
10 M	1,1-Dichloroethene	1.509	1.428	5.4	95	0.00
11	Methyl Iodide	1.623	1.202	25.9	92	0.00
12	Methyl Acetate	1.987	1.828	8.0	90	0.00
13 M	Acrolein	0.160	0.146	8.8	103	0.00
14 M	Acrylonitrile	0.900	0.794	11.8	89	0.00
15 M	Acetone	0.245	0.254	-3.7	103	0.00
16 M	Carbon Disulfide	4.394	4.047	7.9	91	0.00
17	Allyl chloride	2.697	2.480	8.0	94	0.00
18 M	Methylene Chloride	1.771	1.613	8.9	90	0.00
19 M	trans-1,2-Dichloroethene	1.676	1.600	4.5	97	0.00
20 T	Diisopropyl ether	5.340	5.055	5.3	94	-0.01
21 M	1,1-Dichloroethane	3.065	2.878	6.1	93	0.00
22 M	cis-1,2-Dichloroethene	1.854	1.708	7.9	92	0.00
23 M	tert-Butyl Alcohol	0.390	0.348	10.8	94	0.00
24 M	Methyl tert-Butyl Ether	5.365	4.914	8.4	93	0.00
25 M	Chloroform	3.271	3.044	6.9	92	0.00
26	Cyclohexane	2.474	2.320	6.2	97	-0.01
27 s	1,2-Dichloroethane-d4	2.367	2.385	-0.8	93	0.00
28 I	1,4-Difluorobenzene	1.000	1.000	0.0	95	0.00
29	1,1-Dichloropropene	0.458	0.429	6.3	98	0.00
30 M	2-Butanone	0.251	0.230	8.4	94	0.00
31	2,2-Dichloropropane	0.553	0.543	1.8	101	0.00
32 M	1,1,1-Trichloroethane	0.599	0.563	6.0	96	0.00
33 M	Carbon Tetrachloride	0.559	0.517	7.5	94	-0.01
34 M	Benzene	1.307	1.205	7.8	94	0.00
35	Methacrylonitrile	0.264	0.227	14.0	89	0.00
36 M	1,2-Dichloroethane	0.541	0.505	6.7	96	0.00
37 M	Trichloroethene	0.378	0.348	7.9	96	0.00
38	Methylcyclohexane	0.488	0.439	10.0	99	0.00
39 M	1,2-Dichloropropane	0.350	0.307	12.3	89	0.00
40	Dibromomethane	0.253	0.224	11.5	90	0.00
41 M	Bromodichloromethane	0.524	0.478	8.8	94	0.00
42 M	Vinyl Acetate	0.935	0.842	9.9	92	0.00
43	Ethyl Acetate	0.499	0.420	15.8	86	0.00
44	Isopropyl Acetate	0.804	0.703	12.6	91	0.00
45 T	1,4-Dioxane	0.007	0.007#	0.0	104	0.00

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Quant Time: Sep 21 01:14:05 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X090420W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Sep 04 12:13:41 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)
46	Methyl methacrylate	0.395	0.338	14.4	93	0.00
47	n-amyl Acetate	0.706	0.577	18.3	89	0.00
48 M	t-1,3-Dichloropropene	0.563	0.520	7.6	97	0.00
49 T	cis-1,3-Dichloropropene	0.591	0.544	8.0	94	0.00
50 M	1,1,2-Trichloroethane	0.352	0.317	9.9	92	0.00
51	Ethyl methacrylate	0.510	0.442	13.3	93	0.00
52	1,3-Dichloropropane	0.585	0.518	11.5	91	0.00
53 M	Dibromochloromethane	0.438	0.375	14.4	91	0.00
54 M	1,2-Dibromoethane	0.386	0.343	11.1	93	0.00
55 M	2-Chloroethyl vinyl ether	0.267	0.247	7.5	97	0.00
56 M	Bromoform	0.333	0.273	18.0	90	0.00
57 I	Chlorobenzene-d5	1.000	1.000	0.0	94	0.00
58 M	4-Methyl-2-Pentanone	0.516	0.459	11.0	89	0.00
59 M	2-Hexanone	0.391	0.355	9.2	92	0.00
60 S	4-Bromofluorobenzene	0.520	0.516	0.8	93	0.00
61 M	Tetrachloroethene	0.374	0.380	-1.6	101	0.00
62 M	Toluene	1.510	1.412	6.5	94	0.00
63 S	Toluene-d8	1.322	1.350	-2.1	94	0.00
64 M	Chlorobenzene	0.970	0.904	6.8	93	0.00
65	1,1,1,2-Tetrachloroethane	0.393	0.355	9.7	92	0.00
66 M	Ethyl Benzene	1.668	1.507	9.7	93	0.00
67 M	m/p-Xylenes	0.638	0.592	7.2	94	0.00
68 M	o-Xylene	0.603	0.565	6.3	98	0.00
69 M	Styrene	1.052	0.973	7.5	95	0.00
70	Isopropylbenzene	1.676	1.553	7.3	95	0.00
71 M	1,1,2,2-Tetrachloroethane	0.548	0.492	10.2	91	0.00
72	1,2,3-Trichloropropane	0.526	0.469	10.8	89	0.00
73	Bromobenzene	0.459	0.416	9.4	92	0.00
74	n-propylbenzene	1.974	1.829	7.3	95	0.00
75	2-Chlorotoluene	1.196	1.091	8.8	93	0.00
76	1,3,5-Trimethylbenzene	1.460	1.334	8.6	94	0.00
77	t-1,4-Dichloro-2-butene	0.205	0.171	16.6	89	0.00
78	4-Chlorotoluene	1.427	1.317	7.7	94	0.00
79	tert-butylbenzene	1.407	1.263	10.2	93	0.00
80	1,2,4-Trimethylbenzene	1.444	1.362	5.7	96	0.00
81	sec-Butylbenzene	1.643	1.507	8.3	96	0.00
82	p-Isopropyltoluene	1.532	1.425	7.0	97	0.00
83 M	1,3-Dichlorobenzene	0.821	0.763	7.1	94	0.00
84 M	1,4-Dichlorobenzene	0.821	0.759	7.6	93	0.00
85	n-Butylbenzene	1.349	1.262	6.4	100	0.00
86 T	Hexachloroethane	0.302	0.273	9.6	95	0.00
87 M	1,2-Dichlorobenzene	0.769	0.723	6.0	96	0.00
88	1,2-Dibromo-3-Chloropropane	0.140	0.118	15.7	91	0.00
89	1,2,4-Trichlorobenzene	0.520	0.487	6.3	100	0.00
90	Hexachlorobutadiene	0.220	0.213	3.2	97	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
91 M	Naphthalene	1.624	1.414	12.9	93	0.00
92	1,2,3-Trichlorobenzene	0.515	0.458	11.1	94	0.00

(#) = Out of Range

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