

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX092520\
 Data File : VX018588.D
 Acq On : 25 Sep 2020 09:24
 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 25 13:54:22 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	80	0.00
2 M	Dichlorodifluoromethane	1.587	1.562	1.6	85	0.00
3 M	Chloromethane	1.686	1.653	2.0	84	0.00
4 M	Vinyl Chloride	1.776	1.751	1.4	85	0.00
5 M	Bromomethane	1.208	1.234	-2.2	80	0.00
6 M	Chloroethane	1.079	1.041	3.5	82	0.00
7 M	Trichlorofluoromethane	3.009	3.101	-3.1	90	0.00
8 T	Diethyl Ether	0.949	0.934	1.6	85	0.00
9	1,1,2-Trichlorotrifluoroeth	1.537	1.592	-3.6	88	0.00
10 M	1,1-Dichloroethene	1.509	1.454	3.6	83	0.00
11	Methyl Iodide	1.623	1.516	6.6	99	0.00
12	Methyl Acetate	1.987	1.803	9.3	76	0.00
13 M	Acrolein	0.160	0.070	56.3#	42	0.00
14 M	Acrylonitrile	0.900	0.791	12.1	76	0.00
15 M	Acetone	0.245	0.315	-28.6	109	0.01
16 M	Carbon Disulfide	4.394	4.250	3.3	82	0.00
17	Allyl chloride	2.697	2.576	4.5	83	0.00
18 M	Methylene Chloride	1.771	1.754	1.0	83	0.00
19 M	trans-1,2-Dichloroethene	1.676	1.628	2.9	85	0.00
20 T	Diisopropyl ether	5.340	5.217	2.3	83	0.00
21 M	1,1-Dichloroethane	3.065	3.008	1.9	83	0.00
22 M	cis-1,2-Dichloroethene	1.854	1.785	3.7	82	-0.01
23 M	tert-Butyl Alcohol	0.390	0.294	24.6	68	0.03
24 M	Methyl tert-Butyl Ether	5.365	4.994	6.9	81	0.00
25 M	Chloroform	3.271	3.192	2.4	83	0.00
26	Cyclohexane	2.474	2.397	3.1	86	-0.01
27 s	1,2-Dichloroethane-d4	2.367	2.431	-2.7	81	0.00
28 I	1,4-Difluorobenzene	1.000	1.000	0.0	80	0.00
29	1,1-Dichloropropene	0.458	0.431	5.9	82	0.00
30 M	2-Butanone	0.251	0.244	2.8	84	0.00
31	2,2-Dichloropropane	0.553	0.563	-1.8	89	-0.01
32 M	1,1,1-Trichloroethane	0.599	0.601	-0.3	86	0.00
33 M	Carbon Tetrachloride	0.559	0.553	1.1	85	0.00
34 M	Benzene	1.307	1.265	3.2	83	0.00
35	Methacrylonitrile	0.264	0.223	15.5	74	0.00
36 M	1,2-Dichloroethane	0.541	0.525	3.0	84	-0.01
37 M	Trichloroethene	0.378	0.371	1.9	87	0.00
38	Methylcyclohexane	0.488	0.451	7.6	86	0.00
39 M	1,2-Dichloropropane	0.350	0.340	2.9	83	0.00
40	Dibromomethane	0.253	0.249	1.6	84	0.00
41 M	Bromodichloromethane	0.524	0.517	1.3	86	0.00
42 M	Vinyl Acetate	0.935	0.865	7.5	80	0.00
43	Ethyl Acetate	0.499	0.419	16.0	72	0.00
44	Isopropyl Acetate	0.804	0.697	13.3	76	0.00
45 T	1,4-Dioxane	0.007	0.005#	28.6	63	0.05

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Quant Time: Sep 25 13:54:22 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	0.332	15.9	77	0.00
47	n-amyl Acetate	0.706	0.550	22.1	72	0.00
48 M	t-1,3-Dichloropropene	0.563	0.546	3.0	86	0.00
49 T	cis-1,3-Dichloropropene	0.591	0.581	1.7	85	0.00
50 M	1,1,2-Trichloroethane	0.352	0.351	0.3	85	0.00
51	Ethyl methacrylate	0.510	0.448	12.2	80	0.00
52	1,3-Dichloropropane	0.585	0.550	6.0	81	0.00
53 M	Dibromochloromethane	0.438	0.423	3.4	86	0.00
54 M	1,2-Dibromoethane	0.386	0.361	6.5	82	0.00
55 M	2-Chloroethyl vinyl ether	0.267	0.198	25.8	65	0.00
56 M	Bromoform	0.333	0.287	13.8	80	0.00
57 I	Chlorobenzene-d5	1.000	1.000	0.0	79	0.00
58 M	4-Methyl-2-Pentanone	0.516	0.454	12.0	74	0.00
59 M	2-Hexanone	0.391	0.360	7.9	79	0.00
60 S	4-Bromofluorobenzene	0.520	0.522	-0.4	80	0.00
61 M	Tetrachloroethene	0.374	0.408	-9.1	92	0.00
62 M	Toluene	1.510	1.479	2.1	84	0.00
63 S	Toluene-d8	1.322	1.371	-3.7	81	0.00
64 M	Chlorobenzene	0.970	0.932	3.9	82	0.00
65	1,1,1,2-Tetrachloroethane	0.393	0.392	0.3	87	0.00
66 M	Ethyl Benzene	1.668	1.598	4.2	83	0.00
67 M	m/p-Xylenes	0.638	0.612	4.1	83	0.00
68 M	o-Xylene	0.603	0.566	6.1	84	0.00
69 M	Styrene	1.052	0.989	6.0	82	0.00
70	Isopropylbenzene	1.676	1.601	4.5	83	0.00
71 M	1,1,2,2-Tetrachloroethane	0.548	0.515	6.0	81	0.00
72	1,2,3-Trichloropropane	0.526	0.479	8.9	77	0.00
73	Bromobenzene	0.459	0.428	6.8	80	0.00
74	n-propylbenzene	1.974	1.850	6.3	82	0.00
75	2-Chlorotoluene	1.196	1.130	5.5	81	0.00
76	1,3,5-Trimethylbenzene	1.460	1.374	5.9	82	0.00
77	t-1,4-Dichloro-2-butene	0.205	0.164	20.0	72	0.00
78	4-Chlorotoluene	1.427	1.341	6.0	82	0.00
79	tert-butylbenzene	1.407	1.299	7.7	81	0.00
80	1,2,4-Trimethylbenzene	1.444	1.401	3.0	84	0.00
81	sec-Butylbenzene	1.643	1.518	7.6	82	0.00
82	p-Isopropyltoluene	1.532	1.415	7.6	82	0.00
83 M	1,3-Dichlorobenzene	0.821	0.765	6.8	80	0.00
84 M	1,4-Dichlorobenzene	0.821	0.790	3.8	82	0.00
85	n-Butylbenzene	1.349	1.236	8.4	83	0.00
86 T	Hexachloroethane	0.302	0.279	7.6	83	0.00
87 M	1,2-Dichlorobenzene	0.769	0.763	0.8	86	0.00
88	1,2-Dibromo-3-Chloropropane	0.140	0.112	20.0	73	0.00
89	1,2,4-Trichlorobenzene	0.520	0.476	8.5	83	0.00
90	Hexachlorobutadiene	0.220	0.218	0.9	84	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
91 M	Naphthalene	1.624	1.348	17.0	75	0.00
92	1,2,3-Trichlorobenzene	0.515	0.462	10.3	81	0.00

(#) = Out of Range

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