

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX091120\
 Data File : VX018350.D
 Acq On : 11 Sep 2020 09:54
 Operator : JC/SP
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

Quant Time: Sep 12 06:18:42 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	100	0.00
2 M	Dichlorodifluoromethane	1.587	1.616	-1.8	110	0.00
3 M	Chloromethane	1.686	1.630	3.3	105	0.00
4 M	Vinyl Chloride	1.776	1.818	-2.4	111	0.00
5 M	Bromomethane	1.208	1.223	-1.2	100	0.00
6 M	Chloroethane	1.079	1.114	-3.2	110	0.00
7 M	Trichlorofluoromethane	3.009	3.208	-6.6	116	0.00
8 T	Diethyl Ether	0.949	0.972	-2.4	111	0.00
9	1,1,2-Trichlorotrifluoroeth	1.537	1.646	-7.1	115	0.00
10 M	1,1-Dichloroethene	1.509	1.484	1.7	106	0.00
11	Methyl Iodide	1.623	1.291	20.5	106	0.00
12	Methyl Acetate	1.987	1.966	1.1	104	0.00
13 M	Acrolein	0.160	0.168	-5.0	128	0.00
14 M	Acrylonitrile	0.900	0.878	2.4	106	0.00
15 M	Acetone	0.245	0.247	-0.8	107	0.00
16 M	Carbon Disulfide	4.394	4.456	-1.4	108	0.00
17	Allyl chloride	2.697	2.765	-2.5	112	0.00
18 M	Methylene Chloride	1.771	1.786	-0.8	107	0.00
19 M	trans-1,2-Dichloroethene	1.676	1.768	-5.5	116	0.00
20 T	Diisopropyl ether	5.340	5.481	-2.6	109	0.00
21 M	1,1-Dichloroethane	3.065	3.114	-1.6	108	0.00
22 M	cis-1,2-Dichloroethene	1.854	1.903	-2.6	110	0.00
23 M	tert-Butyl Alcohol	0.390	0.363	6.9	105	-0.01
24 M	Methyl tert-Butyl Ether	5.365	5.491	-2.3	112	0.00
25 M	Chloroform	3.271	3.334	-1.9	109	0.00
26	Cyclohexane	2.474	2.536	-2.5	114	-0.01
27 s	1,2-Dichloroethane-d4	2.367	2.324	1.8	97	0.00
28 I	1,4-Difluorobenzene	1.000	1.000	0.0	101	0.00
29	1,1-Dichloropropene	0.458	0.475	-3.7	115	0.00
30 M	2-Butanone	0.251	0.246	2.0	107	0.00
31	2,2-Dichloropropane	0.553	0.585	-5.8	116	0.00
32 M	1,1,1-Trichloroethane	0.599	0.627	-4.7	114	0.00
33 M	Carbon Tetrachloride	0.559	0.576	-3.0	111	0.00
34 M	Benzene	1.307	1.352	-3.4	112	0.00
35	Methacrylonitrile	0.264	0.255	3.4	107	0.00
36 M	1,2-Dichloroethane	0.541	0.553	-2.2	112	0.00
37 M	Trichloroethene	0.378	0.389	-2.9	115	0.00
38	Methylcyclohexane	0.488	0.508	-4.1	122	0.00
39 M	1,2-Dichloropropane	0.350	0.344	1.7	106	0.00
40	Dibromomethane	0.253	0.252	0.4	108	0.00
41 M	Bromodichloromethane	0.524	0.530	-1.1	111	0.00
42 M	Vinyl Acetate	0.935	0.939	-0.4	109	0.00
43	Ethyl Acetate	0.499	0.469	6.0	103	0.00
44	Isopropyl Acetate	0.804	0.783	2.6	108	0.00
45 T	1,4-Dioxane	0.007	0.007#	0.0	113	0.00

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Quant Time: Sep 12 06:18:42 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
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	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46	Methyl methacrylate	0.395	0.377	4.6	111	0.00
47	n-amyl Acetate	0.706	0.669	5.2	110	0.00
48 M	t-1,3-Dichloropropene	0.563	0.561	0.4	111	0.00
49 T	cis-1,3-Dichloropropene	0.591	0.595	-0.7	110	0.00
50 M	1,1,2-Trichloroethane	0.352	0.347	1.4	107	0.00
51	Ethyl methacrylate	0.510	0.496	2.7	112	0.00
52	1,3-Dichloropropane	0.585	0.578	1.2	108	0.00
53 M	Dibromochloromethane	0.438	0.435	0.7	112	0.00
54 M	1,2-Dibromoethane	0.386	0.378	2.1	109	0.00
55 M	2-Chloroethyl vinyl ether	0.267	0.256	4.1	106	0.00
56 M	Bromoform	0.333	0.320	3.9	112	0.00
57 I	Chlorobenzene-d5	1.000	1.000	0.0	98	0.00
58 M	4-Methyl-2-Pentanone	0.516	0.525	-1.7	107	0.00
59 M	2-Hexanone	0.391	0.403	-3.1	109	0.00
60 S	4-Bromofluorobenzene	0.520	0.526	-1.2	99	0.00
61 M	Tetrachloroethene	0.374	0.409	-9.4	114	0.00
62 M	Toluene	1.510	1.580	-4.6	111	0.00
63 S	Toluene-d8	1.322	1.339	-1.3	98	0.00
64 M	Chlorobenzene	0.970	0.986	-1.6	107	0.00
65	1,1,1,2-Tetrachloroethane	0.393	0.405	-3.1	111	0.00
66 M	Ethyl Benzene	1.668	1.727	-3.5	112	0.00
67 M	m/p-Xylenes	0.638	0.673	-5.5	113	0.00
68 M	o-Xylene	0.603	0.632	-4.8	116	0.00
69 M	Styrene	1.052	1.098	-4.4	113	0.00
70	Isopropylbenzene	1.676	1.730	-3.2	111	0.00
71 M	1,1,2,2-Tetrachloroethane	0.548	0.564	-2.9	109	0.00
72	1,2,3-Trichloropropane	0.526	0.531	-1.0	106	0.00
73	Bromobenzene	0.459	0.467	-1.7	109	0.00
74	n-propylbenzene	1.974	2.059	-4.3	112	0.00
75	2-Chlorotoluene	1.196	1.239	-3.6	111	0.00
76	1,3,5-Trimethylbenzene	1.460	1.500	-2.7	111	0.00
77	t-1,4-Dichloro-2-butene	0.205	0.202	1.5	110	0.00
78	4-Chlorotoluene	1.427	1.498	-5.0	113	0.00
79	tert-butylbenzene	1.407	1.420	-0.9	109	0.00
80	1,2,4-Trimethylbenzene	1.444	1.505	-4.2	112	0.00
81	sec-Butylbenzene	1.643	1.693	-3.0	113	0.00
82	p-Isopropyltoluene	1.532	1.558	-1.7	112	0.00
83 M	1,3-Dichlorobenzene	0.821	0.874	-6.5	113	0.00
84 M	1,4-Dichlorobenzene	0.821	0.857	-4.4	110	0.00
85	n-Butylbenzene	1.349	1.416	-5.0	118	0.00
86 T	Hexachloroethane	0.302	0.294	2.6	108	0.00
87 M	1,2-Dichlorobenzene	0.769	0.827	-7.5	115	0.00
88	1,2-Dibromo-3-Chloropropane	0.140	0.141	-0.7	114	0.00
89	1,2,4-Trichlorobenzene	0.520	0.554	-6.5	119	0.00
90	Hexachlorobutadiene	0.220	0.252	-14.5	120	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
91 M	Naphthalene	1.624	1.655	-1.9	114	0.00
92	1,2,3-Trichlorobenzene	0.515	0.546	-6.0	118	0.00

(#) = Out of Range

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