

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX021319\
 Data File : VX007510.D
 Acq On : 13 Feb 2019 03:55
 Operator : JC/SP
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC020

Quant Time: Feb 13 08:13:05 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X021319W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Feb 13 07:51:18 2019
 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	101	0.00
2 M	Dichlorodifluoromethane	1.519	1.472	3.1	99	0.00
3 M	Chloromethane	1.670	1.654	1.0	99	0.00
4 M	Vinyl Chloride	1.878	1.824	2.9	100	0.00
5 M	Bromomethane	1.677	1.526	9.0	105	0.00
6 M	Chloroethane	1.277	1.216	4.8	103	0.00
7 M	Trichlorofluoromethane	2.944	2.835	3.7	99	0.00
8 T	Diethyl Ether	1.176	1.167	0.8	103	0.00
9	1,1,2-Trichlorotrifluoroeth	1.661	1.555	6.4	97	0.00
10 M	1,1-Dichloroethene	1.648	1.606	2.5	100	0.00
11	Methyl Iodide	2.369	2.128	10.2	97	0.00
12	Methyl Acetate	2.273	2.121	6.7	101	0.00
13 M	Acrolein	0.396	0.277	30.1#	77	0.00
14 M	Acrylonitrile	1.047	1.016	3.0	100	0.00
15 M	Acetone	0.284	0.282	0.7	102	0.00
16 M	Carbon Disulfide	4.371	4.174	4.5	101	0.00
17	Allyl chloride	2.824	2.677	5.2	101	0.00
18 M	Methylene Chloride	1.853	1.826	1.5	102	0.00
19 M	trans-1,2-Dichloroethene	1.763	1.677	4.9	100	0.00
20 T	Diisopropyl ether	5.337	5.240	1.8	101	0.00
21 M	1,1-Dichloroethane	2.992	2.971	0.7	103	0.00
22 M	cis-1,2-Dichloroethene	1.962	1.905	2.9	99	0.00
23 M	tert-Butyl Alcohol	0.440	0.436	0.9	103	0.00
24 M	Methyl tert-Butyl Ether	5.720	5.578	2.5	101	0.00
25 M	Chloroform	3.160	3.129	1.0	103	0.00
26	Cyclohexane	2.509	2.454	2.2	100	0.00
27 s	1,2-Dichloroethane-d4	1.941	1.903	2.0	99	0.00
28 I	1,4-Difluorobenzene	1.000	1.000	0.0	99	0.00
29	1,1-Dichloropropene	0.418	0.419	-0.2	101	0.00
30 M	2-Butanone	0.248	0.253	-2.0	101	0.00
31	2,2-Dichloropropane	0.340	0.290	14.7	86	0.00
32 M	1,1,1-Trichloroethane	0.500	0.502	-0.4	101	0.00
33 M	Carbon Tetrachloride	0.442	0.434	1.8	102	0.00
34 M	Benzene	1.319	1.339	-1.5	102	0.00
35	Methacrylonitrile	0.257	0.256	0.4	101	0.00
36 M	1,2-Dichloroethane	0.449	0.458	-2.0	103	0.00
37 M	Trichloroethene	0.379	0.382	-0.8	101	0.00
38	Methylcyclohexane	0.484	0.461	4.8	96	0.00
39 M	1,2-Dichloropropane	0.328	0.329	-0.3	101	0.00
40	Dibromomethane	0.237	0.239	-0.8	99	0.00
41 M	Bromodichloromethane	0.421	0.417	1.0	103	0.00
42 M	Vinyl Acetate	0.867	0.861	0.7	98	0.00
43	Ethyl Acetate	0.474	0.471	0.6	98	0.00
44	Isopropyl Acetate	0.732	0.726	0.8	102	0.00
45 T	1,4-Dioxane	0.009	0.009#	0.0	102	0.00

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	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46	Methyl methacrylate	0.371	0.375	-1.1	103	0.00
47	n-amyl Acetate	0.645	0.619	4.0	99	0.00
48 M	t-1,3-Dichloropropene	0.434	0.408	6.0	101	0.00
49 T	cis-1,3-Dichloropropene	0.483	0.465	3.7	99	0.00
50 M	1,1,2-Trichloroethane	0.346	0.351	-1.4	101	0.00
51	Ethyl methacrylate	0.501	0.504	-0.6	101	0.00
52	1,3-Dichloropropane	0.557	0.571	-2.5	101	0.00
53 M	Dibromochloromethane	0.359	0.349	2.8	102	0.00
54 M	1,2-Dibromoethane	0.378	0.386	-2.1	102	0.00
55 M	2-Chloroethyl vinyl ether	0.255	0.242	5.1	96	0.00
56 M	Bromoform	0.271	0.256	5.5	101	0.00
57 I	Chlorobenzene-d5	1.000	1.000	0.0	99	0.00
58 M	4-Methyl-2-Pentanone	0.540	0.562	-4.1	101	0.00
59 M	2-Hexanone	0.410	0.426	-3.9	102	0.00
60 S	4-Bromofluorobenzene	0.460	0.461	-0.2	98	0.00
61 M	Tetrachloroethene	0.426	0.431	-1.2	101	0.00
62 M	Toluene	1.634	1.647	-0.8	100	0.00
63 S	Toluene-d8	1.356	1.351	0.4	97	0.00
64 M	Chlorobenzene	1.062	1.081	-1.8	101	0.00
65	1,1,1,2-Tetrachloroethane	0.385	0.386	-0.3	101	0.00
66 M	Ethyl Benzene	1.734	1.752	-1.0	102	0.00
67 M	m/p-Xylenes	0.680	0.682	-0.3	102	0.00
68 M	o-Xylene	0.663	0.671	-1.2	102	0.00
69 M	Styrene	1.070	1.072	-0.2	102	0.00
70	Isopropylbenzene	1.750	1.748	0.1	101	0.00
71 M	1,1,2,2-Tetrachloroethane	0.578	0.597	-3.3	102	0.00
72	1,2,3-Trichloropropane	0.529	0.482	8.9	89	0.00
73	Bromobenzene	0.478	0.490	-2.5	103	0.00
74	n-propylbenzene	1.943	1.923	1.0	101	0.00
75	2-Chlorotoluene	1.162	1.154	0.7	101	0.00
76	1,3,5-Trimethylbenzene	1.428	1.426	0.1	101	0.00
77	t-1,4-Dichloro-2-butene	0.153	0.133	13.1	96	0.00
78	4-Chlorotoluene	1.326	1.290	2.7	100	0.00
79	tert-butylbenzene	1.517	1.456	4.0	98	0.00
80	1,2,4-Trimethylbenzene	1.450	1.447	0.2	101	0.00
81	sec-Butylbenzene	1.706	1.695	0.6	101	0.00
82	p-Isopropyltoluene	1.517	1.456	4.0	98	0.00
83 M	1,3-Dichlorobenzene	0.840	0.833	0.8	100	0.00
84 M	1,4-Dichlorobenzene	0.838	0.825	1.6	99	0.00
85	n-Butylbenzene	1.259	1.181	6.2	99	0.00
86 T	Hexachloroethane	0.252	0.239	5.2	100	0.00
87 M	1,2-Dichlorobenzene	0.843	0.855	-1.4	102	0.00
88	1,2-Dibromo-3-Chloropropane	0.121	0.118	2.5	103	0.00
89	1,2,4-Trichlorobenzene	0.554	0.528	4.7	100	0.00
90	Hexachlorobutadiene	0.259	0.239	7.7	96	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
91 M	Naphthalene	1.766	1.739	1.5	101	0.00
92	1,2,3-Trichlorobenzene	0.563	0.550	2.3	102	0.00

(#) = Out of Range

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