

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX071218\
 Data File : VX003348.D
 Acq On : 12 Jul 2018 13:23
 Operator : JC/MD
 Sample : VSTDICV020
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICV020

Quant Time: Jul 12 17:06:48 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X071218W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Jul 12 13:28:20 2018
 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	117	0.00
2 M	Dichlorodifluoromethane	2.277	2.189	3.9	103	0.00
3 M	Chloromethane	2.262	2.094	7.4	101	0.00
4 M	Vinyl Chloride	2.466	2.241	9.1	100	0.00
5 M	Bromomethane	1.022	1.191	-16.5	126	0.00
6 M	Chloroethane	1.470	1.280	12.9	97	0.00
7 M	Trichlorofluoromethane	3.285	2.938	10.6	98	0.00
8 T	Diethyl Ether	1.344	1.198	10.9	102	0.00
9	1,1,2-Trichlorotrifluoroeth	2.011	1.801	10.4	103	0.00
10 M	1,1-Dichloroethene	1.866	1.688	9.5	103	0.00
11	Methyl Iodide	1.975	1.691	14.4	125	0.00
12	Methyl Acetate	3.030	2.734	9.8	97	0.00
13 M	Acrolein	0.235	0.206	12.3	103	0.00
14 M	Acrylonitrile	1.140	1.017	10.8	101	0.00
15 M	Acetone	0.299	0.267	10.7	101	0.00
16 M	Carbon Disulfide	5.330	4.888	8.3	109	0.00
17	Allyl chloride	3.550	3.019	15.0	97	0.00
18 M	Methylene Chloride	2.190	1.951	10.9	104	-0.01
19 M	trans-1,2-Dichloroethene	2.012	1.848	8.2	107	0.00
20 T	Diisopropyl ether	6.414	5.560	13.3	95	0.00
21 M	1,1-Dichloroethane	3.761	3.223	14.3	96	0.00
22 M	cis-1,2-Dichloroethene	2.140	2.047	4.3	118	0.00
23 M	tert-Butyl Alcohol	0.473	0.435	8.0	101	0.00
24 M	Methyl tert-Butyl Ether	6.232	5.473	12.2	101	0.00
25 M	Chloroform	3.387	3.288	2.9	113	0.00
26	Cyclohexane	2.936	2.847	3.0	115	0.00
27 s	1,2-Dichloroethane-d4	2.049	1.921	6.2	104	0.00
28 I	1,4-Difluorobenzene	1.000	1.000	0.0	111	0.00
29	1,1-Dichloropropene	0.473	0.475	-0.4	113	0.00
30 M	2-Butanone	0.264	0.258	2.3	108	0.00
31	2,2-Dichloropropane	0.511	0.476	6.8	111	0.00
32 M	1,1,1-Trichloroethane	0.536	0.522	2.6	110	0.00
33 M	Carbon Tetrachloride	0.470	0.447	4.9	107	0.00
34 M	Benzene	1.393	1.389	0.3	108	0.00
35	Methacrylonitrile	0.280	0.282	-0.7	112	0.00
36 M	1,2-Dichloroethane	0.484	0.451	6.8	100	0.00
37 M	Trichloroethene	0.385	0.387	-0.5	109	0.00
38	Methylcyclohexane	0.535	0.519	3.0	109	0.00
39 M	1,2-Dichloropropane	0.360	0.346	3.9	104	0.00
40	Dibromomethane	0.236	0.228	3.4	104	0.00
41 M	Bromodichloromethane	0.442	0.409	7.5	102	0.00
42 M	Vinyl Acetate	1.015	0.907	10.6	95	0.00
43	Ethyl Acetate	0.502	0.490	2.4	111	0.00
44	Isopropyl Acetate	0.769	0.714	7.2	101	0.00
45 T	1,4-Dioxane	0.008	0.009#	-12.5	110	0.00

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	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46	Methyl methacrylate	0.398	0.374	6.0	102	0.00
47	n-amyl Acetate	0.663	0.581	12.4	98	0.00
48 M	t-1,3-Dichloropropene	0.538	0.504	6.3	104	0.00
49 T	cis-1,3-Dichloropropene	0.487	0.457	6.2	105	0.00
50 M	1,1,2-Trichloroethane	0.356	0.347	2.5	105	0.00
51	Ethyl methacrylate	0.520	0.491	5.6	107	0.00
52	1,3-Dichloropropane	0.586	0.564	3.8	103	0.00
53 M	Dibromochloromethane	0.356	0.329	7.6	103	0.00
54 M	1,2-Dibromoethane	0.370	0.362	2.2	106	0.00
55 M	2-Chloroethyl vinyl ether	0.245	0.253	-3.3	106	0.00
56 M	Bromoform	0.272	0.241	11.4	102	0.00
57 I	Chlorobenzene-d5	1.000	1.000	0.0	106	0.00
58 M	4-Methyl-2-Pentanone	0.534	0.528	1.1	101	0.00
59 M	2-Hexanone	0.409	0.400	2.2	99	0.00
60 S	4-Bromofluorobenzene	0.482	0.463	3.9	103	0.00
61 M	Tetrachloroethene	0.459	0.472	-2.8	106	0.00
62 M	Toluene	1.637	1.661	-1.5	105	0.00
63 S	Toluene-d8	1.326	1.349	-1.7	105	0.00
64 M	Chlorobenzene	1.084	1.082	0.2	107	0.00
65	1,1,1,2-Tetrachloroethane	0.384	0.377	1.8	105	0.00
66 M	Ethyl Benzene	1.809	1.793	0.9	107	0.00
67 M	m/p-Xylenes	0.704	0.692	1.7	105	0.00
68 M	o-Xylene	0.677	0.653	3.5	103	0.00
69 M	Styrene	1.126	1.084	3.7	105	0.00
70	Isopropylbenzene	1.795	1.735	3.3	102	0.00
71 M	1,1,2,2-Tetrachloroethane	0.563	0.539	4.3	99	0.00
72	1,2,3-Trichloropropane	0.659	0.473	28.2	76	0.00
73	Bromobenzene	0.499	0.472	5.4	101	0.00
74	n-propylbenzene	2.091	1.973	5.6	100	0.00
75	2-Chlorotoluene	1.251	1.169	6.6	98	0.00
76	1,3,5-Trimethylbenzene	1.519	1.409	7.2	99	0.00
77	t-1,4-Dichloro-2-butene	0.157	0.144	8.3	103	0.00
78	4-Chlorotoluene	1.461	1.350	7.6	99	0.00
79	tert-butylbenzene	1.609	1.429	11.2	95	0.00
80	1,2,4-Trimethylbenzene	1.544	1.410	8.7	97	0.00
81	sec-Butylbenzene	1.797	1.627	9.5	98	0.00
82	p-Isopropyltoluene	1.609	1.429	11.2	95	0.00
83 M	1,3-Dichlorobenzene	0.925	0.826	10.7	98	0.00
84 M	1,4-Dichlorobenzene	0.933	0.828	11.3	94	0.00
85	n-Butylbenzene	1.413	1.226	13.2	95	0.00
86 T	Hexachloroethane	0.237	0.194	18.1	94	0.00
87 M	1,2-Dichlorobenzene	0.924	0.823	10.9	93	0.00
88	1,2-Dibromo-3-Chloropropane	0.117	0.101	13.7	88	0.00
89	1,2,4-Trichlorobenzene	0.664	0.573	13.7	89	0.00
90	Hexachlorobutadiene	0.325	0.276	15.1	89	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
91 M	Naphthalene	1.914	1.682	12.1	88	0.00
92	1,2,3-Trichlorobenzene	0.673	0.586	12.9	88	0.00

(#) = Out of Range

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