

Data Path : Z:\voasrv\HPCHEM1\MSVOA X\Data\VX050119\
 Data File : VX009257.D
 Acq On : 01 May 2019 15:44
 Operator : JC/SP
 Sample : VSTDICV020
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX050119

Quant Time: May 02 07:00:41 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X050119W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu May 02 06:46:57 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	105	0.00
2 M	Dichlorodifluoromethane	1.594	1.758	-10.3	117	0.00
3 M	Chloromethane	2.143	2.339	-9.1	117	0.00
4 M	Vinyl Chloride	2.138	2.239	-4.7	111	0.00
5 M	Bromomethane	1.355	1.384	-2.1	121	0.00
6 M	Chloroethane	1.402	1.411	-0.6	104	0.00
7 M	Trichlorofluoromethane	2.640	2.820	-6.8	115	0.00
8 T	Diethyl Ether	1.226	1.292	-5.4	113	0.00
9	1,1,2-Trichlorotrifluoroeth	1.634	1.833	-12.2	119	0.00
10 M	1,1-Dichloroethene	1.641	1.737	-5.9	113	0.00
11	Methyl Iodide	1.784	1.734	2.8	112	0.00
12	Methyl Acetate	3.091	3.082	0.3	109	0.00
13 M	Acrolein	0.424	0.323	23.8	88	0.00
14 M	Acrylonitrile	1.341	1.357	-1.2	109	0.00
15 M	Acetone	0.385	0.390	-1.3	106	0.00
16 M	Carbon Disulfide	4.440	4.770	-7.4	115	0.00
17	Allyl chloride	3.939	4.110	-4.3	113	0.00
18 M	Methylene Chloride	1.983	2.100	-5.9	114	0.00
19 M	trans-1,2-Dichloroethene	1.750	1.892	-8.1	116	0.00
20 T	Diisopropyl ether	7.758	8.226	-6.0	114	0.00
21 M	1,1-Dichloroethane	3.754	3.942	-5.0	114	0.00
22 M	cis-1,2-Dichloroethene	2.107	2.193	-4.1	112	0.00
23 M	tert-Butyl Alcohol	0.567	0.553	2.5	109	0.00
24 M	Methyl tert-Butyl Ether	6.422	6.763	-5.3	115	0.00
25 M	Chloroform	3.426	3.630	-6.0	114	0.00
26	Cyclohexane	3.499	3.845	-9.9	117	0.00
27 s	1,2-Dichloroethane-d4	2.489	2.463	1.0	105	0.00
28 I	1,4-Difluorobenzene	1.000	1.000	0.0	106	0.00
29	1,1-Dichloropropene	0.440	0.473	-7.5	115	0.00
30 M	2-Butanone	0.345	0.349	-1.2	108	0.00
31	2,2-Dichloropropane	0.485	0.516	-6.4	115	0.00
32 M	1,1,1-Trichloroethane	0.477	0.513	-7.5	119	0.00
33 M	Carbon Tetrachloride	0.399	0.426	-6.8	116	0.00
34 M	Benzene	1.357	1.448	-6.7	113	0.00
35	Methacrylonitrile	0.361	0.368	-1.9	109	0.00
36 M	1,2-Dichloroethane	0.492	0.525	-6.7	114	0.00
37 M	Trichloroethene	0.327	0.348	-6.4	116	0.00
38	Methylcyclohexane	0.544	0.608	-11.8	121	0.00
39 M	1,2-Dichloropropane	0.386	0.409	-6.0	114	0.00
40	Dibromomethane	0.219	0.228	-4.1	112	0.00
41 M	Bromodichloromethane	0.448	0.469	-4.7	115	0.00
42 M	Vinyl Acetate	1.138	1.209	-6.2	113	0.00
43	Ethyl Acetate	0.623	0.640	-2.7	107	0.00
44	Isopropyl Acetate	1.009	1.037	-2.8	113	0.00
45 T	1,4-Dioxane	0.010	0.010#	0.0	109	0.00

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	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46	Methyl methacrylate	0.504	0.517	-2.6	112	0.00
47	n-amyl Acetate	0.909	0.926	-1.9	113	0.00
48 M	t-1,3-Dichloropropene	0.523	0.549	-5.0	118	0.00
49 T	cis-1,3-Dichloropropene	0.574	0.599	-4.4	115	0.00
50 M	1,1,2-Trichloroethane	0.336	0.357	-6.2	114	0.00
51	Ethyl methacrylate	0.621	0.646	-4.0	114	0.00
52	1,3-Dichloropropane	0.596	0.628	-5.4	113	0.00
53 M	Dibromochloromethane	0.335	0.348	-3.9	116	0.00
54 M	1,2-Dibromoethane	0.345	0.364	-5.5	114	0.00
55 M	2-Chloroethyl vinyl ether	0.331	0.320	3.3	100	0.00
56 M	Bromoform	0.257	0.259	-0.8	116	0.00
57 I	Chlorobenzene-d5	1.000	1.000	0.0	107	0.00
58 M	4-Methyl-2-Pentanone	0.738	0.757	-2.6	110	0.00
59 M	2-Hexanone	0.579	0.595	-2.8	110	0.00
60 S	4-Bromofluorobenzene	0.510	0.505	1.0	105	0.00
61 M	Tetrachloroethene	0.331	0.366	-10.6	118	0.00
62 M	Toluene	1.603	1.738	-8.4	115	0.00
63 S	Toluene-d8	1.422	1.434	-0.8	106	0.00
64 M	Chlorobenzene	0.965	1.035	-7.3	116	0.00
65	1,1,1,2-Tetrachloroethane	0.353	0.373	-5.7	116	0.00
66 M	Ethyl Benzene	1.786	1.935	-8.3	116	0.00
67 M	m/p-Xylenes	0.652	0.707	-8.4	117	0.00
68 M	o-Xylene	0.641	0.694	-8.3	118	0.00
69 M	Styrene	1.125	1.205	-7.1	116	0.00
70	Isopropylbenzene	1.724	1.877	-8.9	117	0.00
71 M	1,1,2,2-Tetrachloroethane	0.631	0.655	-3.8	114	0.00
72	1,2,3-Trichloropropane	0.544	0.578	-6.2	114	0.00
73	Bromobenzene	0.426	0.458	-7.5	116	0.00
74	n-propylbenzene	1.998	2.206	-10.4	120	0.00
75	2-Chlorotoluene	1.198	1.301	-8.6	117	0.00
76	1,3,5-Trimethylbenzene	1.461	1.594	-9.1	118	0.00
77	t-1,4-Dichloro-2-butene	0.220	0.213	3.2	113	0.00
78	4-Chlorotoluene	1.361	1.478	-8.6	119	0.00
79	tert-butylbenzene	1.412	1.534	-8.6	118	0.00
80	1,2,4-Trimethylbenzene	1.464	1.600	-9.3	119	0.00
81	sec-Butylbenzene	1.678	1.862	-11.0	121	0.00
82	p-Isopropyltoluene	1.526	1.684	-10.4	120	0.00
83 M	1,3-Dichlorobenzene	0.761	0.816	-7.2	119	0.00
84 M	1,4-Dichlorobenzene	0.758	0.804	-6.1	119	0.00
85	n-Butylbenzene	1.396	1.563	-12.0	126	0.00
86 T	Hexachloroethane	0.260	0.276	-6.2	116	0.00
87 M	1,2-Dichlorobenzene	0.766	0.821	-7.2	117	0.00
88	1,2-Dibromo-3-Chloropropane	0.147	0.155	-5.4	116	0.00
89	1,2,4-Trichlorobenzene	0.546	0.602	-10.3	126	0.00
90	Hexachlorobutadiene	0.273	0.309	-13.2	127	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
91 M	Naphthalene	1.787	1.962	-9.8	120	0.00
92	1,2,3-Trichlorobenzene	0.555	0.612	-10.3	122	0.00

(#) = Out of Range

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