

Data Path : Z:\voasrv\HPCHEM1\MSVOA X\Data\VX101619\
 Data File : VX013091.D
 Acq On : 16 Oct 2019 12:41
 Operator : JC/SP
 Sample : VSTDICV020
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX101619

Quant Time: Oct 17 03:15:47 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X101619W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Oct 17 03:05:35 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	124	0.00
2 M	Dichlorodifluoromethane	2.023	1.863	7.9	117	0.00
3 M	Chloromethane	1.985	1.834	7.6	120	0.00
4 M	Vinyl Chloride	1.980	1.771	10.6	119	0.00
5 M	Bromomethane	0.925	1.136	-22.8	130	0.00
6 M	Chloroethane	1.218	1.124	7.7	112	0.00
7 M	Trichlorofluoromethane	2.910	2.640	9.3	118	0.00
8 T	Diethyl Ether	1.071	0.977	8.8	115	0.00
9	1,1,2-Trichlorotrifluoroeth	1.834	1.656	9.7	120	0.00
10 M	1,1-Dichloroethene	1.804	1.662	7.9	121	0.00
11	Methyl Iodide	2.207	1.545	30.0	100	0.00
12	Methyl Acetate	2.523	2.247	10.9	118	0.00
13 M	Acrolein	0.363	0.340	6.3	125	0.00
14 M	Acrylonitrile	1.053	0.940	10.7	117	0.00
15 M	Acetone	0.373	0.311	16.6	93	0.00
16 M	Carbon Disulfide	4.880	4.523	7.3	124	0.00
17	Allyl chloride	3.062	2.735	10.7	118	0.00
18 M	Methylene Chloride	2.053	1.821	11.3	115	0.00
19 M	trans-1,2-Dichloroethene	1.932	1.782	7.8	119	0.00
20 T	Diisopropyl ether	5.875	5.414	7.8	117	0.00
21 M	1,1-Dichloroethane	3.388	3.073	9.3	117	0.00
22 M	cis-1,2-Dichloroethene	2.220	2.010	9.5	120	0.00
23 M	tert-Butyl Alcohol	0.532	0.473	11.1	118	0.00
24 M	Methyl tert-Butyl Ether	6.150	5.636	8.4	118	0.00
25 M	Chloroform	3.503	3.173	9.4	116	0.00
26	Cyclohexane	3.079	2.819	8.4	119	0.00
27 s	1,2-Dichloroethane-d4	2.300	2.286	0.6	123	0.00
28 I	1,4-Difluorobenzene	1.000	1.000	0.0	125	0.00
29	1,1-Dichloropropene	0.458	0.423	7.6	120	0.00
30 M	2-Butanone	0.270	0.242	10.4	110	0.00
31	2,2-Dichloropropane	0.518	0.480	7.3	117	0.00
32 M	1,1,1-Trichloroethane	0.535	0.493	7.9	119	0.00
33 M	Carbon Tetrachloride	0.459	0.416	9.4	118	0.00
34 M	Benzene	1.359	1.247	8.2	116	0.00
35	Methacrylonitrile	0.264	0.234	11.4	114	0.00
36 M	1,2-Dichloroethane	0.491	0.455	7.3	117	0.00
37 M	Trichloroethene	0.363	0.341	6.1	121	0.00
38	Methylcyclohexane	0.560	0.541	3.4	127	0.00
39 M	1,2-Dichloropropane	0.341	0.317	7.0	116	0.00
40	Dibromomethane	0.232	0.218	6.0	122	0.00
41 M	Bromodichloromethane	0.460	0.422	8.3	119	0.00
42 M	Vinyl Acetate	0.883	0.829	6.1	119	0.00
43	Ethyl Acetate	0.485	0.419	13.6	115	0.00
44	Isopropyl Acetate	0.782	0.711	9.1	114	0.00
45 T	1,4-Dioxane	0.010	0.009#	10.0	117	0.00

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	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46	Methyl methacrylate	0.382	0.346	9.4	119	0.00
47	n-amyl Acetate	0.666	0.602	9.6	123	0.00
48 M	t-1,3-Dichloropropene	0.509	0.473	7.1	125	0.00
49 T	cis-1,3-Dichloropropene	0.562	0.530	5.7	123	0.00
50 M	1,1,2-Trichloroethane	0.350	0.314	10.3	116	0.00
51	Ethyl methacrylate	0.550	0.506	8.0	122	0.00
52	1,3-Dichloropropane	0.587	0.535	8.9	115	0.00
53 M	Dibromochloromethane	0.359	0.323	10.0	119	0.00
54 M	1,2-Dibromoethane	0.368	0.345	6.3	118	0.00
55 M	2-Chloroethyl vinyl ether	0.242	0.222	8.3	116	0.00
56 M	Bromoform	0.250	0.220	12.0	120	0.00
57 I	Chlorobenzene-d5	1.000	1.000	0.0	128	0.00
58 M	4-Methyl-2-Pentanone	0.546	0.489	10.4	115	0.00
59 M	2-Hexanone	0.426	0.382	10.3	114	0.00
60 S	4-Bromofluorobenzene	0.525	0.515	1.9	127	0.00
61 M	Tetrachloroethene	0.382	0.353	7.6	112	0.00
62 M	Toluene	1.630	1.522	6.6	120	0.00
63 S	Toluene-d8	1.369	1.360	0.7	125	0.00
64 M	Chlorobenzene	1.036	0.971	6.3	122	0.00
65	1,1,1,2-Tetrachloroethane	0.381	0.339	11.0	115	0.00
66 M	Ethyl Benzene	1.861	1.720	7.6	122	0.00
67 M	m/p-Xylenes	0.700	0.655	6.4	122	0.00
68 M	o-Xylene	0.682	0.635	6.9	122	0.00
69 M	Styrene	1.174	1.072	8.7	121	0.00
70	Isopropylbenzene	1.821	1.701	6.6	123	0.00
71 M	1,1,2,2-Tetrachloroethane	0.593	0.525	11.5	116	0.00
72	1,2,3-Trichloropropane	0.493	0.436	11.6	120	0.00
73	Bromobenzene	0.434	0.404	6.9	125	0.00
74	n-propylbenzene	2.034	1.918	5.7	124	0.00
75	2-Chlorotoluene	1.246	1.146	8.0	124	0.00
76	1,3,5-Trimethylbenzene	1.549	1.392	10.1	120	0.00
77	t-1,4-Dichloro-2-butene	0.191	0.167	12.6	128	0.00
78	4-Chlorotoluene	1.441	1.334	7.4	125	0.00
79	tert-butylbenzene	1.458	1.353	7.2	124	0.00
80	1,2,4-Trimethylbenzene	1.545	1.430	7.4	122	0.00
81	sec-Butylbenzene	1.756	1.569	10.6	121	0.00
82	p-Isopropyltoluene	1.601	1.477	7.7	127	0.00
83 M	1,3-Dichlorobenzene	0.787	0.735	6.6	123	0.00
84 M	1,4-Dichlorobenzene	0.792	0.723	8.7	124	0.00
85	n-Butylbenzene	1.367	1.234	9.7	125	0.00
86 T	Hexachloroethane	0.277	0.241	13.0	120	0.00
87 M	1,2-Dichlorobenzene	0.776	0.701	9.7	121	0.00
88	1,2-Dibromo-3-Chloropropane	0.136	0.120	11.8	123	0.00
89	1,2,4-Trichlorobenzene	0.484	0.450	7.0	127	0.00
90	Hexachlorobutadiene	0.230	0.208	9.6	128	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
91 M	Naphthalene	1.647	1.462	11.2	119	0.00
92	1,2,3-Trichlorobenzene	0.485	0.455	6.2	128	0.00

(#) = Out of Range

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