

Data Path : Z:\voasrv\HPCHEM1\MSVOA X\Data\VX101520\
 Data File : VX018938.D
 Acq On : 15 Oct 2020 17:05
 Operator : JC/SP
 Sample : VSTDICV020
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX101520

Quant Time: Oct 16 02:38:32 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X101520W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Oct 15 15:32:58 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	86	0.00
2 M	Dichlorodifluoromethane	1.422	1.544	-8.6	103	0.00
3 M	Chloromethane	1.609	1.684	-4.7	91	0.00
4 M	Vinyl Chloride	1.974	2.121	-7.4	101	0.00
5 M	Bromomethane	1.169	1.640	-40.3#	117	0.00
6 M	Chloroethane	1.362	1.433	-5.2	102	0.00
7 M	Trichlorofluoromethane	3.108	3.337	-7.4	102	0.00
8 T	Diethyl Ether	1.223	1.321	-8.0	103	0.00
9	1,1,2-Trichlorotrifluoroeth	1.728	1.886	-9.1	102	0.00
10 M	1,1-Dichloroethene	1.796	1.928	-7.3	102	0.00
11	Methyl Iodide	2.132	2.193	-2.9	105	0.00
12	Methyl Acetate	1.761	1.916	-8.8	104	0.00
13 M	Acrolein	0.337	0.377	-11.9	117	0.00
14 M	Acrylonitrile	0.819	0.893	-9.0	103	0.00
15 M	Acetone	0.276	0.319	-15.6	98	0.00
16 M	Carbon Disulfide	4.405	4.810	-9.2	103	0.00
17	Allyl chloride	2.330	2.452	-5.2	100	0.00
18 M	Methylene Chloride	1.810	1.953	-7.9	102	0.00
19 M	trans-1,2-Dichloroethene	1.809	1.943	-7.4	102	0.00
20 T	Diisopropyl ether	4.325	4.651	-7.5	102	0.00
21 M	1,1-Dichloroethane	2.956	3.166	-7.1	101	0.00
22 M	cis-1,2-Dichloroethene	2.048	2.216	-8.2	104	0.00
23 M	tert-Butyl Alcohol	0.456	0.494	-8.3	99	0.00
24 M	Methyl tert-Butyl Ether	4.959	5.432	-9.5	102	0.00
25 M	Chloroform	3.138	3.371	-7.4	101	0.00
26	Cyclohexane	2.380	2.508	-5.4	99	0.00
27 s	1,2-Dichloroethane-d4	1.914	1.932	-0.9	86	0.00
28 I	1,4-Difluorobenzene	1.000	1.000	0.0	86	0.00
29	1,1-Dichloropropene	0.435	0.457	-5.1	100	0.00
30 M	2-Butanone	0.217	0.231	-6.5	101	0.00
31	2,2-Dichloropropane	0.512	0.539	-5.3	100	0.00
32 M	1,1,1-Trichloroethane	0.528	0.553	-4.7	100	0.00
33 M	Carbon Tetrachloride	0.484	0.512	-5.8	101	0.00
34 M	Benzene	1.289	1.390	-7.8	102	0.00
35	Methacrylonitrile	0.224	0.240	-7.1	101	0.00
36 M	1,2-Dichloroethane	0.424	0.467	-10.1	104	0.00
37 M	Trichloroethene	0.378	0.400	-5.8	100	0.00
38	Methylcyclohexane	0.496	0.538	-8.5	103	0.00
39 M	1,2-Dichloropropane	0.315	0.338	-7.3	103	0.00
40	Dibromomethane	0.232	0.253	-9.1	104	0.00
41 M	Bromodichloromethane	0.471	0.503	-6.8	101	0.00
42 M	Vinyl Acetate	0.776	0.832	-7.2	103	0.00
43	Ethyl Acetate	0.449	0.467	-4.0	103	0.00
44	Isopropyl Acetate	0.720	0.773	-7.4	104	0.00
45 T	1,4-Dioxane	0.008	0.008#	0.0	100	0.00

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	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46	Methyl methacrylate	0.335	0.363	-8.4	102	0.00
47	n-amyl Acetate	0.602	0.636	-5.6	96	0.00
48 M	t-1,3-Dichloropropene	0.538	0.582	-8.2	101	0.00
49 T	cis-1,3-Dichloropropene	0.572	0.614	-7.3	100	0.00
50 M	1,1,2-Trichloroethane	0.332	0.364	-9.6	100	0.00
51	Ethyl methacrylate	0.523	0.569	-8.8	102	0.00
52	1,3-Dichloropropane	0.548	0.599	-9.3	101	0.00
53 M	Dibromochloromethane	0.395	0.430	-8.9	99	0.00
54 M	1,2-Dibromoethane	0.365	0.398	-9.0	100	0.00
55 M	2-Chloroethyl vinyl ether	0.276	0.275	0.4	93	0.00
56 M	Bromoform	0.305	0.317	-3.9	99	0.00
57 I	Chlorobenzene-d5	1.000	1.000	0.0	82	0.00
58 M	4-Methyl-2-Pentanone	0.479	0.519	-8.4	102	0.00
59 M	2-Hexanone	0.367	0.392	-6.8	99	0.00
60 S	4-Bromofluorobenzene	0.467	0.459	1.7	81	0.00
61 M	Tetrachloroethene	0.369	0.393	-6.5	99	0.00
62 M	Toluene	1.608	1.718	-6.8	99	0.00
63 S	Toluene-d8	1.311	1.297	1.1	84	0.00
64 M	Chlorobenzene	1.023	1.093	-6.8	97	0.00
65	1,1,1,2-Tetrachloroethane	0.397	0.428	-7.8	99	0.00
66 M	Ethyl Benzene	1.782	1.919	-7.7	97	0.00
67 M	m/p-Xylenes	0.698	0.733	-5.0	96	0.00
68 M	o-Xylene	0.660	0.701	-6.2	97	0.00
69 M	Styrene	1.135	1.194	-5.2	96	0.00
70	Isopropylbenzene	1.754	1.872	-6.7	96	0.00
71 M	1,1,2,2-Tetrachloroethane	0.546	0.583	-6.8	100	0.00
72	1,2,3-Trichloropropane	0.510	0.546	-7.1	98	0.00
73	Bromobenzene	0.452	0.471	-4.2	94	0.00
74	n-propylbenzene	1.998	2.099	-5.1	95	0.00
75	2-Chlorotoluene	1.155	1.207	-4.5	94	0.00
76	1,3,5-Trimethylbenzene	1.469	1.535	-4.5	95	0.00
77	t-1,4-Dichloro-2-butene	0.221	0.228	-3.2	94	0.00
78	4-Chlorotoluene	1.360	1.419	-4.3	95	0.00
79	tert-butylbenzene	1.488	1.559	-4.8	95	0.00
80	1,2,4-Trimethylbenzene	1.463	1.530	-4.6	95	0.00
81	sec-Butylbenzene	1.706	1.786	-4.7	95	0.00
82	p-Isopropyltoluene	1.590	1.665	-4.7	95	0.00
83 M	1,3-Dichlorobenzene	0.803	0.836	-4.1	97	0.00
84 M	1,4-Dichlorobenzene	0.810	0.857	-5.8	99	0.00
85	n-Butylbenzene	1.423	1.454	-2.2	95	0.00
86 T	Hexachloroethane	0.270	0.280	-3.7	95	0.00
87 M	1,2-Dichlorobenzene	0.778	0.805	-3.5	96	0.00
88	1,2-Dibromo-3-Chloropropane	0.132	0.140	-6.1	101	0.00
89	1,2,4-Trichlorobenzene	0.568	0.570	-0.4	97	0.00
90	Hexachlorobutadiene	0.237	0.248	-4.6	100	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
91 M	Naphthalene	1.852	1.955	-5.6	100	0.00
92	1,2,3-Trichlorobenzene	0.554	0.575	-3.8	99	0.00

(#) = Out of Range

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