

Data Path : Z:\voasrv\HPCHEM1\MSVOA X\Data\VX102620\
 Data File : VX019116.D
 Acq On : 26 Oct 2020 11:45
 Operator : JC/SP
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC020

Quant Time: Oct 27 05:20:08 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X102320W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Mon Oct 26 11:58:08 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	102	0.00
2 M	Dichlorodifluoromethane	1.508	1.433	5.0	112	0.00
3 M	Chloromethane	1.362	1.313	3.6	111	0.00
4 M	Vinyl Chloride	1.785	1.688	5.4	110	0.00
5 M	Bromomethane	1.373	1.581	-15.1	118	0.00
6 M	Chloroethane	1.210	1.162	4.0	113	0.00
7 M	Trichlorofluoromethane	3.109	2.969	4.5	115	0.00
8 T	Diethyl Ether	1.165	1.136	2.5	115	0.00
9	1,1,2-Trichlorotrifluoroeth	1.485	1.518	-2.2	121	0.00
10 M	1,1-Dichloroethene	1.510	1.465	3.0	116	0.00
11	Methyl Iodide	1.397	1.446	-3.5	164#	0.00
12	Methyl Acetate	1.495	1.518	-1.5	120	0.00
13 M	Acrolein	0.138	0.142	-2.9	158#	-0.01
14 M	Acrylonitrile	0.702	0.714	-1.7	122	0.00
15 M	Acetone	0.201	0.230	-14.4	147	0.00
16 M	Carbon Disulfide	4.198	3.590	14.5	102	0.00
17	Allyl chloride	1.886	1.938	-2.8	125	0.00
18 M	Methylene Chloride	1.722	1.738	-0.9	120	0.00
19 M	trans-1,2-Dichloroethene	1.764	1.711	3.0	115	0.00
20 T	Diisopropyl ether	3.821	3.917	-2.5	123	0.00
21 M	1,1-Dichloroethane	2.806	2.842	-1.3	120	0.00
22 M	cis-1,2-Dichloroethene	2.043	2.015	1.4	118	-0.01
23 M	tert-Butyl Alcohol	0.341	0.364	-6.7	130	0.00
24 M	Methyl tert-Butyl Ether	4.775	4.841	-1.4	121	0.00
25 M	Chloroform	3.109	3.141	-1.0	121	0.00
26	Cyclohexane	2.180	2.076	4.8	115	0.00
27 s	1,2-Dichloroethane-d4	1.998	2.036	-1.9	100	0.00
28 I	1,4-Difluorobenzene	1.000	1.000	0.0	103	0.00
29	1,1-Dichloropropene	0.423	0.407	3.8	119	0.00
30 M	2-Butanone	0.169	0.171	-1.2	128	0.00
31	2,2-Dichloropropane	0.484	0.486	-0.4	123	0.00
32 M	1,1,1-Trichloroethane	0.509	0.492	3.3	119	0.00
33 M	Carbon Tetrachloride	0.441	0.425	3.6	122	0.00
34 M	Benzene	1.245	1.201	3.5	119	0.00
35	Methacrylonitrile	0.183	0.178	2.7	116	-0.01
36 M	1,2-Dichloroethane	0.427	0.414	3.0	119	0.00
37 M	Trichloroethene	0.358	0.347	3.1	122	0.00
38	Methylcyclohexane	0.474	0.442	6.8	116	0.00
39 M	1,2-Dichloropropane	0.289	0.292	-1.0	128	0.00
40	Dibromomethane	0.224	0.217	3.1	121	0.00
41 M	Bromodichloromethane	0.444	0.426	4.1	122	0.00
42 M	Vinyl Acetate	0.656	0.642	2.1	120	0.00
43	Ethyl Acetate	0.354	0.337	4.8	119	-0.01
44	Isopropyl Acetate	0.592	0.575	2.9	122	0.00
45 T	1,4-Dioxane	0.006	0.006#	0.0	124	0.00

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	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46	Methyl methacrylate	0.280	0.270	3.6	118	0.00
47	n-amyl Acetate	0.475	0.464	2.3	124	0.00
48 M	t-1,3-Dichloropropene	0.497	0.474	4.6	122	0.00
49 T	cis-1,3-Dichloropropene	0.528	0.517	2.1	124	0.00
50 M	1,1,2-Trichloroethane	0.325	0.318	2.2	124	0.00
51	Ethyl methacrylate	0.474	0.454	4.2	122	0.00
52	1,3-Dichloropropane	0.529	0.519	1.9	122	0.00
53 M	Dibromochloromethane	0.362	0.350	3.3	129	0.00
54 M	1,2-Dibromoethane	0.353	0.338	4.2	121	0.00
55 M	2-Chloroethyl vinyl ether	0.253	0.224	11.5	98	0.00
56 M	Bromoform	0.253	0.247	2.4	133	0.00
57 I	Chlorobenzene-d5	1.000	1.000	0.0	103	0.00
58 M	4-Methyl-2-Pentanone	0.378	0.383	-1.3	121	0.00
59 M	2-Hexanone	0.282	0.292	-3.5	123	0.00
60 S	4-Bromofluorobenzene	0.450	0.469	-4.2	109	0.00
61 M	Tetrachloroethene	0.356	0.379	-6.5	129	0.00
62 M	Toluene	1.577	1.548	1.8	121	0.00
63 S	Toluene-d8	1.325	1.343	-1.4	103	0.00
64 M	Chlorobenzene	0.980	0.983	-0.3	126	0.00
65	1,1,1,2-Tetrachloroethane	0.356	0.360	-1.1	128	0.00
66 M	Ethyl Benzene	1.729	1.709	1.2	122	0.00
67 M	m/p-Xylenes	0.659	0.656	0.5	124	0.00
68 M	o-Xylene	0.629	0.628	0.2	127	0.00
69 M	Styrene	1.059	1.041	1.7	127	0.00
70	Isopropylbenzene	1.691	1.684	0.4	127	0.00
71 M	1,1,2,2-Tetrachloroethane	0.488	0.519	-6.4	132	0.00
72	1,2,3-Trichloropropane	0.439	0.479	-9.1	131	0.00
73	Bromobenzene	0.413	0.426	-3.1	131	0.00
74	n-propylbenzene	1.914	1.973	-3.1	129	0.00
75	2-Chlorotoluene	1.083	1.124	-3.8	131	0.00
76	1,3,5-Trimethylbenzene	1.372	1.419	-3.4	132	0.00
77	t-1,4-Dichloro-2-butene	0.174	0.172	1.1	128	0.00
78	4-Chlorotoluene	1.272	1.327	-4.3	132	0.00
79	tert-butylbenzene	1.351	1.382	-2.3	130	0.00
80	1,2,4-Trimethylbenzene	1.364	1.410	-3.4	130	0.00
81	sec-Butylbenzene	1.598	1.682	-5.3	133	0.00
82	p-Isopropyltoluene	1.473	1.545	-4.9	134	0.00
83 M	1,3-Dichlorobenzene	0.738	0.784	-6.2	135	0.00
84 M	1,4-Dichlorobenzene	0.750	0.802	-6.9	137	0.00
85	n-Butylbenzene	1.319	1.417	-7.4	138	0.00
86 T	Hexachloroethane	0.226	0.228	-0.9	137	0.00
87 M	1,2-Dichlorobenzene	0.707	0.760	-7.5	136	0.00
88	1,2-Dibromo-3-Chloropropane	0.110	0.109	0.9	126	0.00
89	1,2,4-Trichlorobenzene	0.509	0.541	-6.3	139	0.00
90	Hexachlorobutadiene	0.216	0.231	-6.9	141	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
91 M	Naphthalene	1.665	1.685	-1.2	132	0.00
92	1,2,3-Trichlorobenzene	0.489	0.526	-7.6	140	0.00

(#) = Out of Range

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