

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032621\
 Data File : VX021537.D
 Acq On : 26 Mar 2021 16:58
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC020

Quant Time: Mar 27 04:53:54 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X032621W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Sat Mar 27 04:47:38 2021
 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	AvgRF	CCRF	%Dev	Area%	Dev(min)
1 I	Bromochloromethane	1.000	1.000	0.0	105	0.00
2 M	Dichlorodifluoromethane	2.791	2.609	6.5	100	0.00
3 M	Chloromethane	2.549	2.318	9.1	100	0.00
4 M	Vinyl Chloride	2.265	2.099	7.3	105	0.00
5 M	Bromomethane	0.911	0.913	-0.2	107	0.00
6 M	Chloroethane	1.352	1.190	12.0	101	0.00
7 M	Trichlorofluoromethane	3.401	3.075	9.6	101	0.00
8 T	Diethyl Ether	1.119	0.979	12.5	102	0.00
9	1,1,2-Trichlorotrifluoroeth	1.886	1.686	10.6	102	0.00
10 M	1,1-Dichloroethene	1.787	1.526	14.6	95	0.00
11	Methyl Iodide	1.489	1.329	10.7	122	0.00
12	Methyl Acetate	3.653	3.600	1.5	107	0.00
13 M	Acrolein	0.344	0.291	15.4	96	0.00
14 M	Acrylonitrile	1.139	1.041	8.6	105	0.00
15 M	Acetone	0.302	0.287	5.0	108	0.00
16 M	Carbon Disulfide	4.995	4.404	11.8	101	0.00
17	Allyl chloride	3.467	3.118	10.1	103	0.00
18 M	Methylene Chloride	2.112	1.911	9.5	104	0.00
19 M	trans-1,2-Dichloroethene	1.930	1.730	10.4	103	0.00
20 T	Diisopropyl ether	6.924	6.202	10.4	104	0.00
21 M	1,1-Dichloroethane	3.765	3.326	11.7	103	0.00
22 M	cis-1,2-Dichloroethene	2.232	1.975	11.5	102	0.00
23 M	tert-Butyl Alcohol	0.483	0.438	9.3	108	0.00
24 M	Methyl tert-Butyl Ether	6.542	5.850	10.6	104	0.00
25 M	Chloroform	4.001	3.551	11.2	102	0.00
26	Cyclohexane	3.252	2.867	11.8	101	0.00
27 s	1,2-Dichloroethane-d4	2.802	2.751	1.8	104	0.00
28 I	1,4-Difluorobenzene	1.000	1.000	0.0	105	0.00
29	1,1-Dichloropropene	0.506	0.463	8.5	102	0.00
30 M	2-Butanone	0.296	0.279	5.7	106	0.00
31	2,2-Dichloropropane	0.564	0.493	12.6	102	0.00
32 M	1,1,1-Trichloroethane	0.626	0.579	7.5	104	0.00
33 M	Carbon Tetrachloride	0.554	0.503	9.2	103	0.00
34 M	Benzene	1.444	1.318	8.7	101	0.00
35	Methacrylonitrile	0.325	0.303	6.8	107	0.00
36 M	1,2-Dichloroethane	0.618	0.588	4.9	104	0.00
37 M	Trichloroethene	0.375	0.350	6.7	105	0.00
38	Methylcyclohexane	0.561	0.506	9.8	104	0.00
39 M	1,2-Dichloropropane	0.385	0.362	6.0	106	0.00
40	Dibromomethane	0.281	0.255	9.3	100	0.00
41 M	Bromodichloromethane	0.579	0.522	9.8	102	0.00
42 M	Vinyl Acetate	1.016	0.912	10.2	103	0.00
43	Ethyl Acetate	0.563	0.528	6.2	104	0.00
44	Isopropyl Acetate	0.943	0.867	8.1	104	0.00
45 T	1,4-Dioxane	0.009	0.009#	0.0	108	0.00
46	Methyl methacrylate	0.517	0.470	9.1	103	0.00
47	n-amyl Acetate	0.815	0.731	10.3	104	0.00
48 M	t-1,3-Dichloropropene	0.584	0.507	13.2	103	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	0.625	0.559	10.6	103	0.00
50 M	1,1,2-Trichloroethane	0.378	0.344	9.0	105	0.00
51	Ethyl methacrylate	0.552	0.489	11.4	105	0.00
52	1,3-Dichloropropane	0.646	0.601	7.0	103	0.00
53 M	Dibromochloromethane	0.431	0.388	10.0	105	0.00
54 M	1,2-Dibromoethane	0.406	0.378	6.9	105	0.00
55 M	2-Chloroethyl vinyl ether	0.307	0.272	11.4	99	0.00
56 M	Bromoform	0.304	0.270	11.2	104	0.00
57 I	Chlorobenzene-d5	1.000	1.000	0.0	106	0.00
58 M	4-Methyl-2-Pentanone	0.633	0.599	5.4	105	0.00
59 M	2-Hexanone	0.476	0.456	4.2	107	0.00
60 S	4-Bromofluorobenzene	0.528	0.514	2.7	105	0.00
61 M	Tetrachloroethene	0.364	0.343	5.8	101	0.00
62 M	Toluene	1.689	1.538	8.9	101	0.00
63 S	Toluene-d8	1.348	1.376	-2.1	106	0.00
64 M	Chlorobenzene	1.030	0.943	8.4	106	0.00
65	1,1,1,2-Tetrachloroethane	0.407	0.361	11.3	105	0.00
66 M	Ethyl Benzene	1.889	1.728	8.5	105	0.00
67 M	m/p-Xylenes	0.695	0.621	10.6	101	0.00
68 M	o-Xylene	0.671	0.606	9.7	103	0.00
69 M	Styrene	1.122	0.994	11.4	103	0.00
70	Isopropylbenzene	1.830	1.643	10.2	103	0.00
71 M	1,1,2,2-Tetrachloroethane	0.627	0.588	6.2	104	0.00
72	1,2,3-Trichloropropane	0.599	0.554	7.5	104	0.00
73	Bromobenzene	0.441	0.392	11.1	100	0.00
74	n-propylbenzene	2.148	1.906	11.3	102	0.00
75	2-Chlorotoluene	1.307	1.168	10.6	102	0.00
76	1,3,5-Trimethylbenzene	1.560	1.428	8.5	105	0.00
77	t-1,4-Dichloro-2-butene	0.191	0.162	15.2	108	0.00
78	4-Chlorotoluene	1.524	1.361	10.7	102	0.00
79	tert-butylbenzene	1.484	1.342	9.6	104	0.00
80	1,2,4-Trimethylbenzene	1.560	1.427	8.5	103	0.00
81	sec-Butylbenzene	1.723	1.582	8.2	108	0.00
82	p-Isopropyltoluene	1.573	1.407	10.6	105	0.00
83 M	1,3-Dichlorobenzene	0.791	0.695	12.1	102	0.00
84 M	1,4-Dichlorobenzene	0.792	0.719	9.2	107	0.00
85	n-Butylbenzene	1.401	1.228	12.3	107	0.00
86 T	Hexachloroethane	0.277	0.233	15.9	106	0.00
87 M	1,2-Dichlorobenzene	0.779	0.685	12.1	101	0.00
88	1,2-Dibromo-3-Chloropropane	0.147	0.133	9.5	106	0.00
89	1,2,4-Trichlorobenzene	0.490	0.425	13.3	104	0.00
90	Hexachlorobutadiene	0.207	0.202	2.4	112	0.00
91 M	Naphthalene	1.632	1.435	12.1	105	0.00
92	1,2,3-Trichlorobenzene	0.490	0.452	7.8	107	0.00

(#) = Out of Range

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