

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120820\
 Data File : VX019767.D
 Acq On : 08 Dec 2020 18:30
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC020

Quant Time: Dec 09 06:22:29 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\624X120820W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Dec 09 06:09:21 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	AvgRF	CCRF	%Dev	Area%	Dev(min)
1 I	Bromochloromethane	1.000	1.000	0.0	84	0.01
2 M	Dichlorodifluoromethane	1.595	6.105	-282.8#	328#	0.00
3 M	Chloromethane	1.701	6.589	-287.4#	323#	0.00
4 M	Vinyl Chloride	1.969	7.938	-303.1#	339#	0.00
5 M	Bromomethane	0.762	1.800	-136.2#	192#	0.00
6 M	Chloroethane	1.242	5.105	-311.0#	350#	0.00
7 M	Trichlorofluoromethane	2.773	11.253	-305.8#	340#	0.00
8 T	Diethyl Ether	1.151	4.742	-312.0#	359#	0.00
9	1,1,2-Trichlorotrifluoroeth	1.595	6.751	-323.3#	361#	0.00
10 M	1,1-Dichloroethene	1.619	6.888	-325.4#	354#	0.00
11	Methyl Iodide	2.117	4.809	-127.2#	208#	0.00
12	Methyl Acetate	2.109	8.420	-299.2#	363#	0.00
13 M	Acrolein	0.299	0.965	-222.7#	289#	0.00
14 M	Acrylonitrile	1.025	4.262	-315.8#	363#	0.00
15 M	Acetone	0.305	1.206	-295.4#	340#	0.00
16 M	Carbon Disulfide	4.432	17.834	-302.4#	331#	0.00
17	Allyl chloride	2.666	10.895	-308.7#	362#	0.00
18 M	Methylene Chloride	1.998	8.257	-313.3#	342#	0.00
19 M	trans-1,2-Dichloroethene	1.878	7.647	-307.2#	336#	0.00
20 T	Diisopropyl ether	5.531	22.981	-315.5#	359#	0.00
21 M	1,1-Dichloroethane	3.312	13.702	-313.7#	352#	0.00
22 M	cis-1,2-Dichloroethene	2.171	8.912	-310.5#	349#	0.00
23 M	tert-Butyl Alcohol	0.483	1.957	-305.2#	292#	0.01
24 M	Methyl tert-Butyl Ether	5.895	24.362	-313.3#	361#	0.00
25 M	Chloroform	3.417	14.104	-312.8#	356#	0.00
26	Cyclohexane	2.843	11.744	-313.1#	349#	0.00
27 s	1,2-Dichloroethane-d4	2.079	2.096	-0.8	83	0.00
28 I	1,4-Difluorobenzene	1.000	1.000	0.0	82	0.00
29	1,1-Dichloropropene	0.466	1.917	-311.4#	345#	0.00
30 M	2-Butanone	0.247	1.009	-308.5#	352#	0.00
31	2,2-Dichloropropane	0.526	2.086	-296.6#	339#	0.00
32 M	1,1,1-Trichloroethane	0.539	2.211	-310.2#	351#	0.00
33 M	Carbon Tetrachloride	0.464	1.852	-299.1#	348#	0.00
34 M	Benzene	1.424	5.964	-318.8#	352#	0.00
35	Methacrylonitrile	0.255	1.065	-317.6#	378#	0.00
36 M	1,2-Dichloroethane	0.489	2.053	-319.8#	348#	0.00
37 M	Trichloroethene	0.374	1.547	-313.6#	345#	0.00
38	Methylcyclohexane	0.554	2.266	-309.0#	351#	0.00
39 M	1,2-Dichloropropane	0.358	1.492	-316.8#	354#	0.00
40	Dibromomethane	0.245	1.013	-313.5#	349#	0.00
41 M	Bromodichloromethane	0.487	1.974	-305.3#	363#	0.00
42 M	Vinyl Acetate	0.864	3.632	-320.4#	370#	0.00
43	Ethyl Acetate	0.467	1.948	-317.1#	356#	0.01
44	Isopropyl Acetate	0.761	3.141	-312.7#	368#	0.00
45 T	1,4-Dioxane	0.009	0.035#	-288.9#	331#	0.00
46	Methyl methacrylate	0.375	1.542	-311.2#	382#	0.00
47	n-amyl Acetate	0.652	2.668	-309.2#	403#	0.00
48 M	t-1,3-Dichloropropene	0.542	2.150	-296.7#	376#	0.00
49 T	cis-1,3-Dichloropropene	0.593	2.386	-302.4#	364#	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)

50 M	1,1,2-Trichloroethane	0.365	1.524	-317.5#	359#	0.00
51	Ethyl methacrylate	0.560	2.278	-306.8#	385#	0.00
52	1,3-Dichloropropane	0.615	2.599	-322.6#	359#	0.00
53 M	Dibromochloromethane	0.385	1.525	-296.1#	368#	0.00
54 M	1,2-Dibromoethane	0.387	1.621	-318.9#	367#	0.00
55 M	2-Chloroethyl vinyl ether	0.290	1.014	-249.7#	325#	0.00
56 M	Bromoform	0.287	1.107	-285.7#	392#	0.00
57 I	Chlorobenzene-d5	1.000	1.000	0.0	83	0.00
58 M	4-Methyl-2-Pentanone	0.513	2.161	-321.2#	376#	0.00
59 M	2-Hexanone	0.400	1.661	-315.3#	370#	0.00
60 S	4-Bromofluorobenzene	0.504	0.508	-0.8	85	0.00
61 M	Tetrachloroethene	0.354	1.453	-310.5#	334#	0.00
62 M	Toluene	1.656	7.003	-322.9#	352#	0.00
63 S	Toluene-d8	1.314	1.338	-1.8	83	0.00
64 M	Chlorobenzene	1.039	4.288	-312.7#	348#	0.00
65	1,1,1,2-Tetrachloroethane	0.385	1.585	-311.7#	369#	0.00
66 M	Ethyl Benzene	1.860	7.747	-316.5#	362#	0.00
67 M	m/p-Xylenes	0.703	2.941	-318.3#	365#	0.00
68 M	o-Xylene	0.682	2.790	-309.1#	362#	0.00
69 M	Styrene	1.159	4.829	-316.7#	386#	0.00
70	Isopropylbenzene	1.818	7.699	-323.5#	371#	0.00
71 M	1,1,2,2-Tetrachloroethane	0.629	2.712	-331.2#	370#	0.00
72	1,2,3-Trichloropropane	0.587	2.467	-320.3#	357#	0.00
73	Bromobenzene	0.463	1.926	-316.0#	360#	0.00
74	n-propylbenzene	2.102	8.719	-314.8#	371#	0.00
75	2-Chlorotoluene	1.276	5.312	-316.3#	361#	0.00
76	1,3,5-Trimethylbenzene	1.541	6.438	-317.8#	373#	0.00
77	t-1,4-Dichloro-2-butene	0.212	0.752	-254.7#	372#	0.00
78	4-Chlorotoluene	1.475	6.165	-318.0#	367#	0.00
79	tert-butylbenzene	1.508	6.321	-319.2#	376#	0.00
80	1,2,4-Trimethylbenzene	1.547	6.460	-317.6#	371#	0.00
81	sec-Butylbenzene	1.746	7.213	-313.1#	375#	0.00
82	p-Isopropyltoluene	1.600	6.495	-305.9#	367#	0.00
83 M	1,3-Dichlorobenzene	0.834	3.484	-317.7#	365#	0.00
84 M	1,4-Dichlorobenzene	0.839	3.446	-310.7#	362#	0.00
85	n-Butylbenzene	1.407	5.607	-298.5#	385#	0.00
86 T	Hexachloroethane	0.282	1.010	-258.2#	344#	0.00
87 M	1,2-Dichlorobenzene	0.820	3.383	-312.6#	353#	0.00
88	1,2-Dibromo-3-Chloropropane	0.137	0.544	-297.1#	359#	0.00
89	1,2,4-Trichlorobenzene	0.541	2.101	-288.4#	367#	0.00
90	Hexachlorobutadiene	0.237	0.933	-293.7#	324#	0.00
91 M	Naphthalene	1.772	7.278	-310.7#	407#	0.00
92	1,2,3-Trichlorobenzene	0.531	2.214	-316.9#	389#	0.00

(#) = Out of Range

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