

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022625\
 Data File : VX045055.D
 Acq On : 26 Feb 2025 16:33
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC020

Quant Time: Feb 27 05:15:20 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X022125W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Sat Feb 22 01:06:36 2025
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1 I	Bromochloromethane	1.000	1.000	0.0	92	0.01
2 M	Dichlorodifluoromethane	2.529	2.069	18.2	77	0.00
3 M	Chloromethane	3.029	2.494	17.7	77	0.01
4 M	Vinyl Chloride	2.923	2.447	16.3	79	0.00
5 M	Bromomethane	1.017	1.316	-29.4#	124	0.00
6 M	Chloroethane	1.583	1.502	5.1	83	0.02
7 M	Trichlorofluoromethane	3.928	3.621	7.8	90	0.01
8 T	Diethyl Ether	1.486	1.293	13.0	83	0.00
9	1,1,2-Trichlorotrifluoroeth	2.333	2.104	9.8	88	0.00
10 M	1,1-Dichloroethene	2.279	2.046	10.2	88	0.00
11	Methyl Iodide	2.579	2.201	14.7	93	0.00
12	Methyl Acetate	2.646	2.824	-6.7	105	0.00
13 M	Acrolein	0.530	0.667	-25.8#	129	0.00
14 M	Acrylonitrile	1.293	1.264	2.2	93	0.00
15 M	Acetone	0.355	0.337	5.1	88	0.00
16 M	Carbon Disulfide	6.464	5.261	18.6	81	0.00
17	Allyl chloride	4.262	3.718	12.8	86	0.00
18 M	Methylene Chloride	2.563	2.232	12.9	83	0.00
19 M	trans-1,2-Dichloroethene	2.306	2.041	11.5	86	0.00
20 T	Diisopropyl ether	8.191	7.102	13.3	84	0.00
21 M	1,1-Dichloroethane	4.555	4.005	12.1	85	0.00
22 M	cis-1,2-Dichloroethene	2.763	2.405	13.0	84	0.00
23 M	tert-Butyl Alcohol	0.451	0.436	3.3	94	-0.03
24 M	Methyl tert-Butyl Ether	7.438	6.508	12.5	85	0.00
25 M	Chloroform	4.400	3.948	10.3	85	-0.01
26	Cyclohexane	4.205	3.615	14.0	82	0.00
27 s	1,2-Dichloroethane-d4	2.914	2.878	1.2	92	0.00
28 I	1,4-Difluorobenzene	1.000	1.000	0.0	90	0.00
29	1,1-Dichloropropene	0.552	0.494	10.5	82	-0.01
30 M	2-Butanone	0.319	0.334	-4.7	96	0.00
31	2,2-Dichloropropane	0.624	0.538	13.8	82	0.00
32 M	1,1,1-Trichloroethane	0.669	0.610	8.8	85	0.00
33 M	Carbon Tetrachloride	0.564	0.528	6.4	86	0.00
34 M	Benzene	1.731	1.600	7.6	84	0.00
35	Methacrylonitrile	0.341	0.328	3.8	88	0.00
36 M	1,2-Dichloroethane	0.592	0.574	3.0	88	0.00
37 M	Trichloroethene	0.405	0.368	9.1	82	0.00
38	Methylcyclohexane	0.741	0.665	10.3	85	0.00
39 M	1,2-Dichloropropane	0.430	0.400	7.0	84	0.00
40	Dibromomethane	0.309	0.283	8.4	84	0.00
41 M	Bromodichloromethane	0.614	0.588	4.2	89	0.00
42 M	Vinyl Acetate	1.237	1.114	9.9	84	0.00
43	Ethyl Acetate	0.598	0.597	0.2	92	0.00
44	Isopropyl Acetate	0.984	0.929	5.6	91	0.00
45 T	1,4-Dioxane	0.010	0.010	0.0	88	0.00
46	Methyl methacrylate	0.482	0.432	10.4	85	0.00
47	n-amyl Acetate	0.854	0.792	7.3	88	0.00
48 M	t-1,3-Dichloropropene	0.591	0.505	14.6	85	0.00

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Quant Time: Feb 27 05:15:20 2025
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 Response via : Initial Calibration

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	0.670	0.585	12.7	82	0.00
50 M	1,1,2-Trichloroethane	0.403	0.396	1.7	88	0.00
51	Ethyl methacrylate	0.633	0.554	12.5	85	0.00
52	1,3-Dichloropropane	0.706	0.674	4.5	86	0.00
53 M	Dibromochloromethane	0.445	0.424	4.7	87	0.00
54 M	1,2-Dibromoethane	0.409	0.389	4.9	87	0.00
55 M	2-Chloroethyl vinyl ether	0.325	0.324	0.3	92	0.00
56 M	Bromoform	0.279	0.276	1.1	96	0.00
57 I	Chlorobenzene-d5	1.000	1.000	0.0	91	0.00
58 M	4-Methyl-2-Pentanone	0.682	0.704	-3.2	94	0.00
59 M	2-Hexanone	0.493	0.518	-5.1	97	0.00
60 S	4-Bromofluorobenzene	0.561	0.566	-0.9	92	0.00
61 M	Tetrachloroethene	0.369	0.350	5.1	86	0.00
62 M	Toluene	1.987	1.811	8.9	84	0.00
63 S	Toluene-d8	1.660	1.681	-1.3	92	0.00
64 M	Chlorobenzene	1.231	1.138	7.6	85	0.00
65	1,1,1,2-Tetrachloroethane	0.406	0.365	10.1	84	0.00
66 M	Ethyl Benzene	2.176	2.001	8.0	87	0.00
67 M	m/p-Xylenes	0.811	0.749	7.6	83	0.00
68 M	o-Xylene	0.795	0.756	4.9	86	0.00
69 M	Styrene	1.328	1.239	6.7	85	0.00
70	Isopropylbenzene	2.053	1.927	6.1	86	0.00
71 M	1,1,2,2-Tetrachloroethane	0.675	0.673	0.3	92	0.00
72	1,2,3-Trichloropropane	0.555	0.543	2.2	91	0.00
73	Bromobenzene	0.473	0.444	6.1	86	0.00
74	n-propylbenzene	2.443	2.252	7.8	86	0.00
75	2-Chlorotoluene	1.477	1.391	5.8	86	0.00
76	1,3,5-Trimethylbenzene	1.693	1.579	6.7	85	0.00
77	t-1,4-Dichloro-2-butene	0.187	0.175	6.4	99	0.00
78	4-Chlorotoluene	1.646	1.532	6.9	86	0.00
79	tert-butylbenzene	1.706	1.612	5.5	86	0.00
80	1,2,4-Trimethylbenzene	1.696	1.580	6.8	84	0.00
81	sec-Butylbenzene	2.141	2.030	5.2	87	0.00
82	p-Isopropyltoluene	1.735	1.654	4.7	88	0.00
83 M	1,3-Dichlorobenzene	0.879	0.824	6.3	86	0.00
84 M	1,4-Dichlorobenzene	0.867	0.821	5.3	87	0.00
85	n-Butylbenzene	1.584	1.431	9.7	86	0.00
86 T	Hexachloroethane	0.306	0.289	5.6	93	0.00
87 M	1,2-Dichlorobenzene	0.863	0.837	3.0	88	0.00
88	1,2-Dibromo-3-Chloropropane	0.131	0.124	5.3	94	0.00
89	1,2,4-Trichlorobenzene	0.523	0.477	8.8	88	0.00
90	Hexachlorobutadiene	0.213	0.210	1.4	91	0.00
91 M	Naphthalene	1.843	1.678	9.0	86	0.00
92	1,2,3-Trichlorobenzene	0.538	0.478	11.2	83	0.00

(#) = Out of Range

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