

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031425\
 Data File : VX045285.D
 Acq On : 14 Mar 2025 10:17
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC020

Quant Time: Mar 15 03:51:49 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	Amount	Calc.	%Dev	Area%	Dev(min)
1 I	Bromochloromethane	30.000	30.000	0.0	89	0.00
2 M	Dichlorodifluoromethane	20.000	19.545	2.3	89	0.00
3 M	Chloromethane	20.000	17.771	11.1	80	0.01
4 M	Vinyl Chloride	20.000	16.107	19.5	74	0.00
5 M	Bromomethane	20.000	21.048	-5.2	97	0.00
6 M	Chloroethane	20.000	17.343	13.3	73	0.00
7 M	Trichlorofluoromethane	20.000	17.994	10.0	85	0.00
8 T	Diethyl Ether	20.000	15.986	20.1	74	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	19.409	3.0	92	0.00
10 M	1,1-Dichloroethene	20.000	18.680	6.6	88	0.00
11	Methyl Iodide	20.000	19.703	1.5	104	0.00
12	Methyl Acetate	20.000	28.908	-44.5#	138	0.00
13 M	Acrolein	100.000	78.465	21.5	78	0.00
14 M	Acrylonitrile	100.000	106.663	-6.7	99	0.00
15 M	Acetone	100.000	111.052	-11.1	99	0.00
16 M	Carbon Disulfide	20.000	15.969	20.2	77	0.00
17	Allyl chloride	20.000	18.625	6.9	89	0.00
18 M	Methylene Chloride	20.000	19.546	2.3	90	0.00
19 M	trans-1,2-Dichloroethene	20.000	18.275	8.6	85	0.00
20 T	Diisopropyl ether	20.000	18.659	6.7	87	0.00
21 M	1,1-Dichloroethane	20.000	18.881	5.6	88	0.00
22 M	cis-1,2-Dichloroethene	20.000	18.410	7.9	86	0.00
23 M	tert-Butyl Alcohol	100.000	93.108	6.9	88	-0.02
24 M	Methyl tert-Butyl Ether	20.000	18.747	6.3	88	0.00
25 M	Chloroform	20.000	19.966	0.2	92	0.00
26	Cyclohexane	20.000	17.826	10.9	83	0.00
27 s	1,2-Dichloroethane-d4	30.000	32.419	-8.1	97	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	86	0.00
29	1,1-Dichloropropene	20.000	19.187	4.1	85	0.00
30 M	2-Butanone	100.000	117.046	-17.0	103	0.00
31	2,2-Dichloropropane	20.000	17.719	11.4	81	0.00
32 M	1,1,1-Trichloroethane	20.000	20.269	-1.3	90	0.00
33 M	Carbon Tetrachloride	20.000	20.334	-1.7	90	0.00
34 M	Benzene	20.000	19.687	1.6	86	0.00
35	Methacrylonitrile	20.000	22.317	-11.6	98	0.00
36 M	1,2-Dichloroethane	20.000	21.942	-9.7	96	0.00
37 M	Trichloroethene	20.000	18.972	5.1	82	0.00
38	Methylcyclohexane	20.000	18.496	7.5	84	0.00
39 M	1,2-Dichloropropane	20.000	20.160	-0.8	88	0.00
40	Dibromomethane	20.000	20.639	-3.2	91	0.00
41 M	Bromodichloromethane	20.000	20.089	-0.4	89	0.00
42 M	Vinyl Acetate	100.000	94.389	5.6	84	0.00
43	Ethyl Acetate	20.000	20.606	-3.0	91	0.00
44	Isopropyl Acetate	20.000	20.091	-0.5	92	0.00
45 T	1,4-Dioxane	400.000	364.913	8.8	77	0.00
46	Methyl methacrylate	20.000	21.040	-5.2	95	0.00
47	n-amyl Acetate	20.000	19.340	3.3	88	0.00
48 M	t-1,3-Dichloropropene	20.000	18.110	9.5	87	0.00

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

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	20.000	18.650	6.8	84	0.00
50 M	1,1,2-Trichloroethane	20.000	20.674	-3.4	88	0.00
51	Ethyl methacrylate	20.000	19.522	2.4	91	0.00
52	1,3-Dichloropropane	20.000	20.648	-3.2	89	0.00
53 M	Dibromochloromethane	20.000	20.529	-2.6	90	0.00
54 M	1,2-Dibromoethane	20.000	20.276	-1.4	89	0.00
55 M	2-Chloroethyl vinyl ether	100.000	99.705	0.3	89	0.00
56 M	Bromoform	20.000	20.621	-3.1	96	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	85	0.00
58 M	4-Methyl-2-Pentanone	100.000	118.678	-18.7	101	0.00
59 M	2-Hexanone	100.000	118.305	-18.3	101	0.00
60 S	4-Bromofluorobenzene	30.000	30.362	-1.2	86	0.00
61 M	Tetrachloroethene	20.000	21.091	-5.5	90	0.00
62 M	Toluene	20.000	19.886	0.6	86	0.00
63 S	Toluene-d8	30.000	31.019	-3.4	87	0.00
64 M	Chlorobenzene	20.000	19.960	0.2	86	0.00
65	1,1,1,2-Tetrachloroethane	20.000	20.375	-1.9	89	0.00
66 M	Ethyl Benzene	20.000	19.913	0.4	87	0.00
67 M	m/p-Xylenes	40.000	39.449	1.4	83	0.00
68 M	o-Xylene	20.000	19.698	1.5	83	0.00
69 M	Styrene	20.000	19.557	2.2	84	0.00
70	Isopropylbenzene	20.000	20.364	-1.8	87	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	22.853	-14.3	98	0.00
72	1,2,3-Trichloropropane	20.000	23.032	-15.2	100	0.00
73	Bromobenzene	20.000	20.096	-0.5	86	0.00
74	n-propylbenzene	20.000	19.974	0.1	87	0.00
75	2-Chlorotoluene	20.000	20.266	-1.3	86	0.00
76	1,3,5-Trimethylbenzene	20.000	20.105	-0.5	85	0.00
77	t-1,4-Dichloro-2-butene	20.000	19.050	4.7	94	0.00
78	4-Chlorotoluene	20.000	20.488	-2.4	88	0.00
79	tert-butylbenzene	20.000	20.139	-0.7	85	0.00
80	1,2,4-Trimethylbenzene	20.000	19.744	1.3	83	0.00
81	sec-Butylbenzene	20.000	20.283	-1.4	87	0.00
82	p-Isopropyltoluene	20.000	20.597	-3.0	89	0.00
83 M	1,3-Dichlorobenzene	20.000	19.509	2.5	83	0.00
84 M	1,4-Dichlorobenzene	20.000	20.495	-2.5	88	0.00
85	n-Butylbenzene	20.000	19.643	1.8	87	0.00
86 T	Hexachloroethane	20.000	19.495	2.5	90	0.00
87 M	1,2-Dichlorobenzene	20.000	20.841	-4.2	88	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	22.612	-13.1	104	0.00
89	1,2,4-Trichlorobenzene	20.000	19.136	4.3	86	0.00
90	Hexachlorobutadiene	20.000	20.360	-1.8	88	0.00
91 M	Naphthalene	20.000	19.806	1.0	87	0.00
92	1,2,3-Trichlorobenzene	20.000	19.250	3.8	84	0.00

(#) = Out of Range

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