

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	Amount	Calc.	%Dev	Area%	Dev(min)
1 I	Bromochloromethane	30.000	30.000	0.0	92	0.01
2 M	Dichlorodifluoromethane	20.000	16.363	18.2	77	0.00
3 M	Chloromethane	20.000	16.466	17.7	77	0.01
4 M	Vinyl Chloride	20.000	16.741	16.3	79	0.00
5 M	Bromomethane	20.000	25.870	-29.4#	124	0.00
6 M	Chloroethane	20.000	18.974	5.1	83	0.02
7 M	Trichlorofluoromethane	20.000	18.433	7.8	90	0.01
8 T	Diethyl Ether	20.000	17.392	13.0	83	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	18.034	9.8	88	0.00
10 M	1,1-Dichloroethene	20.000	17.955	10.2	88	0.00
11	Methyl Iodide	20.000	17.067	14.7	93	0.00
12	Methyl Acetate	20.000	21.343	-6.7	105	0.00
13 M	Acrolein	100.000	125.726	-25.7#	129	0.00
14 M	Acrylonitrile	100.000	97.785	2.2	93	0.00
15 M	Acetone	100.000	95.025	5.0	88	0.00
16 M	Carbon Disulfide	20.000	16.276	18.6	81	0.00
17	Allyl chloride	20.000	17.443	12.8	86	0.00
18 M	Methylene Chloride	20.000	17.419	12.9	83	0.00
19 M	trans-1,2-Dichloroethene	20.000	17.703	11.5	86	0.00
20 T	Diisopropyl ether	20.000	17.341	13.3	84	0.00
21 M	1,1-Dichloroethane	20.000	17.584	12.1	85	0.00
22 M	cis-1,2-Dichloroethene	20.000	17.407	13.0	84	0.00
23 M	tert-Butyl Alcohol	100.000	96.668	3.3	94	-0.03
24 M	Methyl tert-Butyl Ether	20.000	17.499	12.5	85	0.00
25 M	Chloroform	20.000	17.945	10.3	85	-0.01
26	Cyclohexane	20.000	17.197	14.0	82	0.00
27 s	1,2-Dichloroethane-d4	30.000	29.628	1.2	92	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	90	0.00
29	1,1-Dichloropropene	20.000	17.894	10.5	82	-0.01
30 M	2-Butanone	100.000	104.723	-4.7	96	0.00
31	2,2-Dichloropropane	20.000	17.259	13.7	82	0.00
32 M	1,1,1-Trichloroethane	20.000	18.246	8.8	85	0.00
33 M	Carbon Tetrachloride	20.000	18.729	6.4	86	0.00
34 M	Benzene	20.000	18.495	7.5	84	0.00
35	Methacrylonitrile	20.000	19.218	3.9	88	0.00
36 M	1,2-Dichloroethane	20.000	19.361	3.2	88	0.00
37 M	Trichloroethene	20.000	18.186	9.1	82	0.00
38	Methylcyclohexane	20.000	17.940	10.3	85	0.00
39 M	1,2-Dichloropropane	20.000	18.612	6.9	84	0.00
40	Dibromomethane	20.000	18.362	8.2	84	0.00
41 M	Bromodichloromethane	20.000	19.159	4.2	89	0.00
42 M	Vinyl Acetate	100.000	90.023	10.0	84	0.00
43	Ethyl Acetate	20.000	19.973	0.1	92	0.00
44	Isopropyl Acetate	20.000	18.883	5.6	91	0.00
45 T	1,4-Dioxane	400.000	401.129	-0.3	88	0.00
46	Methyl methacrylate	20.000	17.913	10.4	85	0.00
47	n-amyl Acetate	20.000	18.549	7.3	88	0.00
48 M	t-1,3-Dichloropropene	20.000	17.083	14.6	85	0.00

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Instrument :
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 LabSampleId :
 VSTDCCC020

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 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)
49 T	cis-1,3-Dichloropropene	20.000	17.464	12.7	82	0.00
50 M	1,1,2-Trichloroethane	20.000	19.666	1.7	88	0.00
51	Ethyl methacrylate	20.000	17.480	12.6	85	0.00
52	1,3-Dichloropropane	20.000	19.089	4.6	86	0.00
53 M	Dibromochloromethane	20.000	19.022	4.9	87	0.00
54 M	1,2-Dibromoethane	20.000	19.008	5.0	87	0.00
55 M	2-Chloroethyl vinyl ether	100.000	99.683	0.3	92	0.00
56 M	Bromoform	20.000	19.786	1.1	96	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	91	0.00
58 M	4-Methyl-2-Pentanone	100.000	103.103	-3.1	94	0.00
59 M	2-Hexanone	100.000	105.097	-5.1	97	0.00
60 S	4-Bromofluorobenzene	30.000	30.261	-0.9	92	0.00
61 M	Tetrachloroethene	20.000	18.949	5.3	86	0.00
62 M	Toluene	20.000	18.221	8.9	84	0.00
63 S	Toluene-d8	30.000	30.385	-1.3	92	0.00
64 M	Chlorobenzene	20.000	18.481	7.6	85	0.00
65	1,1,1,2-Tetrachloroethane	20.000	17.983	10.1	84	0.00
66 M	Ethyl Benzene	20.000	18.391	8.0	87	0.00
67 M	m/p-Xylenes	40.000	36.946	7.6	83	0.00
68 M	o-Xylene	20.000	19.012	4.9	86	0.00
69 M	Styrene	20.000	18.659	6.7	85	0.00
70	Isopropylbenzene	20.000	18.778	6.1	86	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	19.930	0.4	92	0.00
72	1,2,3-Trichloropropane	20.000	19.571	2.1	91	0.00
73	Bromobenzene	20.000	18.797	6.0	86	0.00
74	n-propylbenzene	20.000	18.442	7.8	86	0.00
75	2-Chlorotoluene	20.000	18.841	5.8	86	0.00
76	1,3,5-Trimethylbenzene	20.000	18.649	6.8	85	0.00
77	t-1,4-Dichloro-2-butene	20.000	18.696	6.5	99	0.00
78	4-Chlorotoluene	20.000	18.613	6.9	86	0.00
79	tert-butylbenzene	20.000	18.892	5.5	86	0.00
80	1,2,4-Trimethylbenzene	20.000	18.627	6.9	84	0.00
81	sec-Butylbenzene	20.000	18.960	5.2	87	0.00
82	p-Isopropyltoluene	20.000	19.068	4.7	88	0.00
83 M	1,3-Dichlorobenzene	20.000	18.740	6.3	86	0.00
84 M	1,4-Dichlorobenzene	20.000	18.950	5.3	87	0.00
85	n-Butylbenzene	20.000	18.066	9.7	86	0.00
86 T	Hexachloroethane	20.000	18.909	5.5	93	0.00
87 M	1,2-Dichlorobenzene	20.000	19.405	3.0	88	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	19.037	4.8	94	0.00
89	1,2,4-Trichlorobenzene	20.000	18.248	8.8	88	0.00
90	Hexachlorobutadiene	20.000	19.709	1.5	91	0.00
91 M	Naphthalene	20.000	18.209	9.0	86	0.00
92	1,2,3-Trichlorobenzene	20.000	17.767	11.2	83	0.00

(#) = Out of Range

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