

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX012325\
 Data File : VX044699.D
 Acq On : 23 Jan 2025 08:21
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC020

Quant Time: Jan 24 03:10:53 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X011625W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Jan 17 01:21:41 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	51	0.00
2 M	Dichlorodifluoromethane	20.000	18.418	7.9	47	0.00
3 M	Chloromethane	20.000	20.455	-2.3	51	0.00
4 M	Vinyl Chloride	20.000	20.797	-4.0	53	0.00
5 M	Bromomethane	20.000	20.100	-0.5	52	0.01
6 M	Chloroethane	20.000	28.935	-44.7#	74	0.00
7 M	Trichlorofluoromethane	20.000	17.332	13.3	45	0.00
8 T	Diethyl Ether	20.000	15.182	24.1	39	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	20.664	-3.3	54	0.00
10 M	1,1-Dichloroethene	20.000	19.552	2.2	51	0.00
11	Methyl Iodide	20.000	16.901	15.5	42	0.00
12	Methyl Acetate	20.000	23.126	-15.6	61	0.00
13 M	Acrolein	100.000	160.582	-60.6#	99	0.00
14 M	Acrylonitrile	100.000	121.245	-21.2	61	0.00
15 M	Acetone	100.000	123.110	-23.1	64	0.00
16 M	Carbon Disulfide	20.000	17.992	10.0	46	0.00
17	Allyl chloride	20.000	19.724	1.4	50	0.00
18 M	Methylene Chloride	20.000	17.739	11.3	44	0.00
19 M	trans-1,2-Dichloroethene	20.000	18.257	8.7	47	0.00
20 T	Diisopropyl ether	20.000	20.071	-0.4	50	0.00
21 M	1,1-Dichloroethane	20.000	19.475	2.6	49	0.00
22 M	cis-1,2-Dichloroethene	20.000	18.776	6.1	46	0.00
23 M	tert-Butyl Alcohol	100.000	67.700	32.3#	34	0.00
24 M	Methyl tert-Butyl Ether	20.000	18.670	6.6	47	0.00
25 M	Chloroform	20.000	19.090	4.6	48	0.00
26	Cyclohexane	20.000	21.641	-8.2	56	0.00
27 s	1,2-Dichloroethane-d4	30.000	27.389	8.7	47	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	50	0.00
29	1,1-Dichloropropene	20.000	19.747	1.3	50	0.00
30 M	2-Butanone	100.000	119.067	-19.1	58	0.00
31	2,2-Dichloropropane	20.000	17.428	12.9	43	0.00
32 M	1,1,1-Trichloroethane	20.000	19.044	4.8	47	0.00
33 M	Carbon Tetrachloride	20.000	19.144	4.3	48	0.00
34 M	Benzene	20.000	20.160	-0.8	49	0.00
35	Methacrylonitrile	20.000	20.580	-2.9	51	-0.01
36 M	1,2-Dichloroethane	20.000	18.071	9.6	44	0.00
37 M	Trichloroethene	20.000	18.433	7.8	46	0.00
38	Methylcyclohexane	20.000	19.980	0.1	51	0.00
39 M	1,2-Dichloropropane	20.000	19.914	0.4	49	0.00
40	Dibromomethane	20.000	18.470	7.7	46	0.00
41 M	Bromodichloromethane	20.000	18.480	7.6	45	0.00
42 M	Vinyl Acetate	100.000	103.438	-3.4	50	0.00
43	Ethyl Acetate	20.000	22.719	-13.6	54	0.00
44	Isopropyl Acetate	20.000	20.266	-1.3	49	0.00
45 T	1,4-Dioxane	400.000	499.569	-24.9	59	0.02
46	Methyl methacrylate	20.000	20.240	-1.2	49	0.00
47	n-amyl Acetate	20.000	19.016	4.9	45	0.00
48 M	t-1,3-Dichloropropene	20.000	16.576	17.1	40	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	20.000	17.945	10.3	43	0.00
50 M	1,1,2-Trichloroethane	20.000	19.815	0.9	47	0.00
51	Ethyl methacrylate	20.000	19.027	4.9	46	0.00
52	1,3-Dichloropropane	20.000	19.283	3.6	46	0.00
53 M	Dibromochloromethane	20.000	18.396	8.0	44	0.00
54 M	1,2-Dibromoethane	20.000	18.953	5.2	45	0.00
55 M	2-Chloroethyl vinyl ether	100.000	94.930	5.1	46	0.00
56 M	Bromoform	20.000	18.348	8.3	45	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	47	0.00
58 M	4-Methyl-2-Pentanone	100.000	116.815	-16.8	54	0.00
59 M	2-Hexanone	100.000	116.616	-16.6	54	0.00
60 S	4-Bromofluorobenzene	30.000	28.116	6.3	45	0.00
61 M	Tetrachloroethene	20.000	18.844	5.8	46	0.00
62 M	Toluene	20.000	20.251	-1.3	48	0.00
63 S	Toluene-d8	30.000	31.687	-5.6	50	0.00
64 M	Chlorobenzene	20.000	18.734	6.3	44	0.00
65	1,1,1,2-Tetrachloroethane	20.000	19.771	1.1	46	0.00
66 M	Ethyl Benzene	20.000	19.445	2.8	45	0.00
67 M	m/p-Xylenes	40.000	38.326	4.2	44	0.00
68 M	o-Xylene	20.000	19.970	0.2	46	0.00
69 M	Styrene	20.000	18.554	7.2	42	0.00
70	Isopropylbenzene	20.000	19.407	3.0	45	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	21.459	-7.3	50	0.00
72	1,2,3-Trichloropropane	20.000	24.115	-20.6	55	0.00
73	Bromobenzene	20.000	17.731	11.3	41	0.00
74	n-propylbenzene	20.000	18.182	9.1	42	0.00
75	2-Chlorotoluene	20.000	18.945	5.3	43	0.00
76	1,3,5-Trimethylbenzene	20.000	19.181	4.1	44	0.00
77	t-1,4-Dichloro-2-butene	20.000	18.418	7.9	44	0.00
78	4-Chlorotoluene	20.000	17.541	12.3	40	0.00
79	tert-butylbenzene	20.000	19.169	4.2	44	0.00
80	1,2,4-Trimethylbenzene	20.000	18.472	7.6	42	0.00
81	sec-Butylbenzene	20.000	18.198	9.0	42	0.00
82	p-Isopropyltoluene	20.000	17.595	12.0	40	0.00
83 M	1,3-Dichlorobenzene	20.000	16.692	16.5	39	0.00
84 M	1,4-Dichlorobenzene	20.000	16.936	15.3	39	0.00
85	n-Butylbenzene	20.000	15.953	20.2	38	0.00
86 T	Hexachloroethane	20.000	18.111	9.4	43	0.00
87 M	1,2-Dichlorobenzene	20.000	17.960	10.2	41	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	19.706	1.5	47	0.00
89	1,2,4-Trichlorobenzene	20.000	14.955	25.2#	36	0.00
90	Hexachlorobutadiene	20.000	15.580	22.1	37	0.00
91 M	Naphthalene	20.000	17.907	10.5	42	0.00
92	1,2,3-Trichlorobenzene	20.000	15.437	22.8	36	0.00

(#) = Out of Range

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