

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX030425\
 Data File : VX045119.D
 Acq On : 04 Mar 2025 08:46
 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 05 00:42:59 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	93	0.00
2 M	Dichlorodifluoromethane	20.000	19.466	2.7	92	0.00
3 M	Chloromethane	20.000	19.795	1.0	93	0.00
4 M	Vinyl Chloride	20.000	17.938	10.3	86	0.00
5 M	Bromomethane	20.000	21.774	-8.9	106	0.00
6 M	Chloroethane	20.000	19.184	4.1	85	0.00
7 M	Trichlorofluoromethane	20.000	19.202	4.0	95	0.00
8 T	Diethyl Ether	20.000	18.631	6.8	90	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	19.792	1.0	98	0.00
10 M	1,1-Dichloroethene	20.000	19.676	1.6	97	0.00
11	Methyl Iodide	20.000	18.518	7.4	102	0.00
12	Methyl Acetate	20.000	22.802	-14.0	114	0.00
13 M	Acrolein	100.000	105.460	-5.5	110	0.00
14 M	Acrylonitrile	100.000	99.066	0.9	96	0.00
15 M	Acetone	100.000	106.787	-6.8	100	0.00
16 M	Carbon Disulfide	20.000	17.490	12.6	88	0.00
17	Allyl chloride	20.000	18.844	5.8	95	0.00
18 M	Methylene Chloride	20.000	19.816	0.9	95	0.00
19 M	trans-1,2-Dichloroethene	20.000	18.888	5.6	93	0.00
20 T	Diisopropyl ether	20.000	19.006	5.0	93	0.00
21 M	1,1-Dichloroethane	20.000	19.013	4.9	93	0.00
22 M	cis-1,2-Dichloroethene	20.000	18.869	5.7	92	0.00
23 M	tert-Butyl Alcohol	100.000	92.844	7.2	92	-0.02
24 M	Methyl tert-Butyl Ether	20.000	18.706	6.5	92	0.00
25 M	Chloroform	20.000	19.475	2.6	94	0.00
26	Cyclohexane	20.000	18.644	6.8	90	0.00
27 s	1,2-Dichloroethane-d4	30.000	28.908	3.6	91	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	86	0.00
29	1,1-Dichloropropene	20.000	20.895	-4.5	93	0.00
30 M	2-Butanone	100.000	111.707	-11.7	99	0.00
31	2,2-Dichloropropane	20.000	19.866	0.7	91	0.00
32 M	1,1,1-Trichloroethane	20.000	21.001	-5.0	94	0.00
33 M	Carbon Tetrachloride	20.000	21.476	-7.4	95	0.00
34 M	Benzene	20.000	20.857	-4.3	92	0.00
35	Methacrylonitrile	20.000	21.641	-8.2	96	0.00
36 M	1,2-Dichloroethane	20.000	21.884	-9.4	96	0.00
37 M	Trichloroethene	20.000	20.769	-3.8	91	0.00
38	Methylcyclohexane	20.000	20.630	-3.1	94	0.00
39 M	1,2-Dichloropropane	20.000	20.754	-3.8	91	0.00
40	Dibromomethane	20.000	21.429	-7.1	95	0.00
41 M	Bromodichloromethane	20.000	21.368	-6.8	95	0.00
42 M	Vinyl Acetate	100.000	100.005	-0.0	90	0.00
43	Ethyl Acetate	20.000	20.783	-3.9	93	0.00
44	Isopropyl Acetate	20.000	20.491	-2.5	95	0.00
45 T	1,4-Dioxane	400.000	413.470	-3.4	87	0.00
46	Methyl methacrylate	20.000	21.385	-6.9	97	0.00
47	n-amyl Acetate	20.000	20.428	-2.1	94	0.00
48 M	t-1,3-Dichloropropene	20.000	19.200	4.0	92	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	20.159	-0.8	92	0.00
50 M	1,1,2-Trichloroethane	20.000	21.636	-8.2	93	0.00
51	Ethyl methacrylate	20.000	20.298	-1.5	95	0.00
52	1,3-Dichloropropane	20.000	21.613	-8.1	93	0.00
53 M	Dibromochloromethane	20.000	21.262	-6.3	94	0.00
54 M	1,2-Dibromoethane	20.000	21.513	-7.6	95	0.00
55 M	2-Chloroethyl vinyl ether	100.000	101.910	-1.9	91	0.00
56 M	Bromoform	20.000	21.171	-5.9	99	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	90	0.00
58 M	4-Methyl-2-Pentanone	100.000	109.095	-9.1	98	0.00
59 M	2-Hexanone	100.000	109.288	-9.3	99	0.00
60 S	4-Bromofluorobenzene	30.000	30.005	-0.0	90	0.00
61 M	Tetrachloroethene	20.000	21.282	-6.4	96	0.00
62 M	Toluene	20.000	20.678	-3.4	95	0.00
63 S	Toluene-d8	30.000	29.658	1.1	88	0.00
64 M	Chlorobenzene	20.000	20.618	-3.1	94	0.00
65	1,1,1,2-Tetrachloroethane	20.000	20.551	-2.8	95	0.00
66 M	Ethyl Benzene	20.000	20.503	-2.5	95	0.00
67 M	m/p-Xylenes	40.000	41.715	-4.3	93	0.00
68 M	o-Xylene	20.000	20.854	-4.3	93	0.00
69 M	Styrene	20.000	21.039	-5.2	95	0.00
70	Isopropylbenzene	20.000	20.830	-4.1	94	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	21.588	-7.9	99	0.00
72	1,2,3-Trichloropropane	20.000	20.981	-4.9	97	0.00
73	Bromobenzene	20.000	21.451	-7.3	97	0.00
74	n-propylbenzene	20.000	20.680	-3.4	95	0.00
75	2-Chlorotoluene	20.000	21.043	-5.2	95	0.00
76	1,3,5-Trimethylbenzene	20.000	20.992	-5.0	94	0.00
77	t-1,4-Dichloro-2-butene	20.000	18.872	5.6	99	0.00
78	4-Chlorotoluene	20.000	20.706	-3.5	95	0.00
79	tert-butylbenzene	20.000	21.259	-6.3	96	0.00
80	1,2,4-Trimethylbenzene	20.000	21.151	-5.8	94	0.00
81	sec-Butylbenzene	20.000	21.067	-5.3	96	0.00
82	p-Isopropyltoluene	20.000	21.348	-6.7	97	0.00
83 M	1,3-Dichlorobenzene	20.000	21.257	-6.3	96	0.00
84 M	1,4-Dichlorobenzene	20.000	20.965	-4.8	96	0.00
85	n-Butylbenzene	20.000	20.544	-2.7	97	0.00
86 T	Hexachloroethane	20.000	20.648	-3.2	101	0.00
87 M	1,2-Dichlorobenzene	20.000	21.650	-8.2	97	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	20.327	-1.6	99	0.00
89	1,2,4-Trichlorobenzene	20.000	20.228	-1.1	97	0.00
90	Hexachlorobutadiene	20.000	21.437	-7.2	98	0.00
91 M	Naphthalene	20.000	20.516	-2.6	96	0.00
92	1,2,3-Trichlorobenzene	20.000	20.051	-0.3	93	0.00

(#) = Out of Range

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