

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX010825\
 Data File : VX044646.D
 Acq On : 09 Jan 2025 05:27
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC020

Quant Time: Jan 09 06:27:04 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X010825W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Jan 09 02:10:37 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	97	0.00
2 M	Dichlorodifluoromethane	20.000	18.845	5.8	91	0.00
3 M	Chloromethane	20.000	18.597	7.0	91	0.00
4 M	Vinyl Chloride	20.000	18.222	8.9	91	0.00
5 M	Bromomethane	20.000	19.092	4.5	95	0.00
6 M	Chloroethane	20.000	21.768	-8.8	97	0.00
7 M	Trichlorofluoromethane	20.000	18.998	5.0	94	0.00
8 T	Diethyl Ether	20.000	18.595	7.0	94	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	21.108	-5.5	107	0.00
10 M	1,1-Dichloroethene	20.000	21.451	-7.3	111	0.00
11	Methyl Iodide	20.000	22.349	-11.7	112	0.00
12	Methyl Acetate	20.000	19.086	4.6	97	0.00
13 M	Acrolein	100.000	99.323	0.7	108	0.00
14 M	Acrylonitrile	100.000	95.891	4.1	97	0.00
15 M	Acetone	100.000	114.192	-14.2	112	0.00
16 M	Carbon Disulfide	20.000	19.582	2.1	112	0.00
17	Allyl chloride	20.000	18.809	6.0	98	0.00
18 M	Methylene Chloride	20.000	18.620	6.9	94	0.00
19 M	trans-1,2-Dichloroethene	20.000	17.981	10.1	92	0.00
20 T	Diisopropyl ether	20.000	18.372	8.1	93	0.00
21 M	1,1-Dichloroethane	20.000	18.391	8.0	94	0.00
22 M	cis-1,2-Dichloroethene	20.000	18.592	7.0	94	0.00
23 M	tert-Butyl Alcohol	100.000	98.656	1.3	101	0.00
24 M	Methyl tert-Butyl Ether	20.000	18.299	8.5	95	0.00
25 M	Chloroform	20.000	18.552	7.2	92	0.00
26	Cyclohexane	20.000	18.304	8.5	94	0.00
27 s	1,2-Dichloroethane-d4	30.000	30.037	-0.1	97	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	95	0.00
29	1,1-Dichloropropene	20.000	19.119	4.4	96	0.00
30 M	2-Butanone	100.000	103.574	-3.6	99	0.00
31	2,2-Dichloropropane	20.000	18.230	8.8	91	0.00
32 M	1,1,1-Trichloroethane	20.000	18.605	7.0	92	0.00
33 M	Carbon Tetrachloride	20.000	18.161	9.2	94	0.00
34 M	Benzene	20.000	19.299	3.5	94	0.00
35	Methacrylonitrile	20.000	19.565	2.2	95	0.00
36 M	1,2-Dichloroethane	20.000	20.249	-1.2	97	0.00
37 M	Trichloroethene	20.000	18.661	6.7	94	0.00
38	Methylcyclohexane	20.000	18.103	9.5	92	0.00
39 M	1,2-Dichloropropane	20.000	18.706	6.5	94	0.00
40	Dibromomethane	20.000	19.424	2.9	94	0.00
41 M	Bromodichloromethane	20.000	18.924	5.4	97	0.00
42 M	Vinyl Acetate	100.000	95.083	4.9	96	0.00
43	Ethyl Acetate	20.000	20.208	-1.0	106	0.00
44	Isopropyl Acetate	20.000	19.805	1.0	98	0.00
45 T	1,4-Dioxane	400.000	433.944	-8.5	108	0.00
46	Methyl methacrylate	20.000	19.749	1.3	96	0.00
47	n-amyl Acetate	20.000	19.116	4.4	100	0.00
48 M	t-1,3-Dichloropropene	20.000	18.398	8.0	96	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	20.000	17.711	11.4	95	0.00
50 M	1,1,2-Trichloroethane	20.000	19.954	0.2	98	0.00
51	Ethyl methacrylate	20.000	19.523	2.4	98	0.00
52	1,3-Dichloropropane	20.000	19.731	1.3	94	0.00
53 M	Dibromochloromethane	20.000	18.409	8.0	97	0.00
54 M	1,2-Dibromoethane	20.000	19.633	1.8	95	0.00
55 M	2-Chloroethyl vinyl ether	100.000	99.258	0.7	100	0.00
56 M	Bromoform	20.000	17.298	13.5	98	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	96	0.00
58 M	4-Methyl-2-Pentanone	100.000	105.706	-5.7	101	0.00
59 M	2-Hexanone	100.000	108.363	-8.4	100	0.00
60 S	4-Bromofluorobenzene	30.000	30.906	-3.0	97	0.00
61 M	Tetrachloroethene	20.000	19.197	4.0	90	0.00
62 M	Toluene	20.000	19.255	3.7	94	0.00
63 S	Toluene-d8	30.000	29.747	0.8	94	0.00
64 M	Chlorobenzene	20.000	18.954	5.2	95	0.00
65	1,1,1,2-Tetrachloroethane	20.000	19.151	4.2	96	0.00
66 M	Ethyl Benzene	20.000	19.536	2.3	96	0.00
67 M	m/p-Xylenes	40.000	38.792	3.0	95	0.00
68 M	o-Xylene	20.000	19.836	0.8	97	0.00
69 M	Styrene	20.000	19.375	3.1	96	0.00
70	Isopropylbenzene	20.000	19.255	3.7	94	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	20.440	-2.2	96	0.00
72	1,2,3-Trichloropropane	20.000	21.125	-5.6	95	0.00
73	Bromobenzene	20.000	19.647	1.8	92	0.00
74	n-propylbenzene	20.000	19.468	2.7	96	0.00
75	2-Chlorotoluene	20.000	19.717	1.4	95	0.00
76	1,3,5-Trimethylbenzene	20.000	19.632	1.8	93	0.00
77	t-1,4-Dichloro-2-butene	20.000	17.381	13.1	91	0.00
78	4-Chlorotoluene	20.000	19.682	1.6	95	0.00
79	tert-butylbenzene	20.000	19.584	2.1	94	0.00
80	1,2,4-Trimethylbenzene	20.000	19.698	1.5	93	0.00
81	sec-Butylbenzene	20.000	19.609	2.0	96	0.00
82	p-Isopropyltoluene	20.000	19.293	3.5	96	0.00
83 M	1,3-Dichlorobenzene	20.000	19.210	3.9	96	0.00
84 M	1,4-Dichlorobenzene	20.000	19.151	4.2	96	0.00
85	n-Butylbenzene	20.000	20.159	-0.8	98	0.00
86 T	Hexachloroethane	20.000	19.734	1.3	105	0.00
87 M	1,2-Dichlorobenzene	20.000	20.845	-4.2	99	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	22.029	-10.1	114	0.00
89	1,2,4-Trichlorobenzene	20.000	19.392	3.0	98	0.00
90	Hexachlorobutadiene	20.000	20.344	-1.7	102	0.00
91 M	Naphthalene	20.000	21.207	-6.0	106	0.00
92	1,2,3-Trichlorobenzene	20.000	20.380	-1.9	100	0.00

(#) = Out of Range

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