

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022125\
 Data File : VX045020.D
 Acq On : 21 Feb 2025 16:05
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC020

Quant Time: Feb 22 01:17:10 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	96	0.00
2 M	Dichlorodifluoromethane	20.000	18.209	9.0	89	0.00
3 M	Chloromethane	20.000	18.590	7.1	90	0.00
4 M	Vinyl Chloride	20.000	18.051	9.7	89	0.00
5 M	Bromomethane	20.000	19.722	1.4	99	0.00
6 M	Chloroethane	20.000	18.833	5.8	86	0.00
7 M	Trichlorofluoromethane	20.000	18.637	6.8	95	0.00
8 T	Diethyl Ether	20.000	17.949	10.3	90	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	18.959	5.2	97	0.00
10 M	1,1-Dichloroethene	20.000	18.605	7.0	95	0.00
11	Methyl Iodide	20.000	16.988	15.1	97	0.00
12	Methyl Acetate	20.000	19.546	2.3	100	0.00
13 M	Acrolein	100.000	110.886	-10.9	119	0.00
14 M	Acrylonitrile	100.000	98.758	1.2	99	0.00
15 M	Acetone	100.000	96.719	3.3	94	0.00
16 M	Carbon Disulfide	20.000	17.878	10.6	93	0.00
17	Allyl chloride	20.000	17.868	10.7	93	0.00
18 M	Methylene Chloride	20.000	18.715	6.4	93	0.00
19 M	trans-1,2-Dichloroethene	20.000	18.530	7.3	94	0.00
20 T	Diisopropyl ether	20.000	18.594	7.0	94	0.00
21 M	1,1-Dichloroethane	20.000	18.289	8.6	92	0.00
22 M	cis-1,2-Dichloroethene	20.000	18.713	6.4	94	0.00
23 M	tert-Butyl Alcohol	100.000	95.956	4.0	98	-0.02
24 M	Methyl tert-Butyl Ether	20.000	18.350	8.2	93	0.00
25 M	Chloroform	20.000	18.649	6.8	92	0.00
26	Cyclohexane	20.000	18.858	5.7	94	0.00
27 s	1,2-Dichloroethane-d4	30.000	28.688	4.4	93	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	93	0.00
29	1,1-Dichloropropene	20.000	19.590	2.1	94	0.00
30 M	2-Butanone	100.000	102.274	-2.3	98	0.00
31	2,2-Dichloropropane	20.000	18.983	5.1	94	0.00
32 M	1,1,1-Trichloroethane	20.000	19.462	2.7	94	0.00
33 M	Carbon Tetrachloride	20.000	19.501	2.5	94	0.00
34 M	Benzene	20.000	19.477	2.6	93	0.00
35	Methacrylonitrile	20.000	19.909	0.5	95	0.00
36 M	1,2-Dichloroethane	20.000	19.358	3.2	92	0.00
37 M	Trichloroethene	20.000	19.049	4.8	90	0.00
38	Methylcyclohexane	20.000	19.902	0.5	98	0.00
39 M	1,2-Dichloropropane	20.000	20.002	-0.0	95	0.00
40	Dibromomethane	20.000	19.545	2.3	94	0.00
41 M	Bromodichloromethane	20.000	19.189	4.1	93	0.00
42 M	Vinyl Acetate	100.000	97.042	3.0	94	0.00
43	Ethyl Acetate	20.000	20.579	-2.9	99	0.00
44	Isopropyl Acetate	20.000	19.450	2.8	97	0.00
45 T	1,4-Dioxane	400.000	423.114	-5.8	97	0.00
46	Methyl methacrylate	20.000	19.916	0.4	98	0.00
47	n-amyl Acetate	20.000	19.702	1.5	98	0.00
48 M	t-1,3-Dichloropropene	20.000	17.622	11.9	92	0.00

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 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	20.000	18.626	6.9	92	0.00
50 M	1,1,2-Trichloroethane	20.000	19.550	2.2	91	0.00
51	Ethyl methacrylate	20.000	19.062	4.7	96	0.00
52	1,3-Dichloropropane	20.000	19.846	0.8	93	0.00
53 M	Dibromochloromethane	20.000	18.857	5.7	90	0.00
54 M	1,2-Dibromoethane	20.000	19.609	2.0	93	0.00
55 M	2-Chloroethyl vinyl ether	100.000	90.325	9.7	87	0.00
56 M	Bromoform	20.000	19.428	2.9	98	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	95	0.00
58 M	4-Methyl-2-Pentanone	100.000	103.451	-3.5	99	0.00
59 M	2-Hexanone	100.000	104.109	-4.1	100	0.00
60 S	4-Bromofluorobenzene	30.000	29.289	2.4	93	0.00
61 M	Tetrachloroethene	20.000	19.875	0.6	95	0.00
62 M	Toluene	20.000	19.314	3.4	93	0.00
63 S	Toluene-d8	30.000	29.550	1.5	93	0.00
64 M	Chlorobenzene	20.000	19.225	3.9	93	0.00
65	1,1,1,2-Tetrachloroethane	20.000	18.994	5.0	93	0.00
66 M	Ethyl Benzene	20.000	19.190	4.0	95	0.00
67 M	m/p-Xylenes	40.000	39.407	1.5	93	0.00
68 M	o-Xylene	20.000	19.644	1.8	93	0.00
69 M	Styrene	20.000	19.315	3.4	93	0.00
70	Isopropylbenzene	20.000	19.665	1.7	94	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	20.508	-2.5	99	0.00
72	1,2,3-Trichloropropane	20.000	19.945	0.3	97	0.00
73	Bromobenzene	20.000	19.486	2.6	94	0.00
74	n-propylbenzene	20.000	19.222	3.9	93	0.00
75	2-Chlorotoluene	20.000	19.291	3.5	92	0.00
76	1,3,5-Trimethylbenzene	20.000	19.602	2.0	93	0.00
77	t-1,4-Dichloro-2-butene	20.000	16.227	18.9	90	0.00
78	4-Chlorotoluene	20.000	18.962	5.2	92	0.00
79	tert-butylbenzene	20.000	19.815	0.9	94	0.00
80	1,2,4-Trimethylbenzene	20.000	19.436	2.8	92	0.00
81	sec-Butylbenzene	20.000	19.714	1.4	95	0.00
82	p-Isopropyltoluene	20.000	19.972	0.1	96	0.00
83 M	1,3-Dichlorobenzene	20.000	19.442	2.8	93	0.00
84 M	1,4-Dichlorobenzene	20.000	19.074	4.6	92	0.00
85	n-Butylbenzene	20.000	19.012	4.9	95	0.00
86 T	Hexachloroethane	20.000	18.558	7.2	96	0.00
87 M	1,2-Dichlorobenzene	20.000	20.480	-2.4	97	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	18.918	5.4	97	0.00
89	1,2,4-Trichlorobenzene	20.000	18.853	5.7	96	0.00
90	Hexachlorobutadiene	20.000	20.139	-0.7	97	0.00
91 M	Naphthalene	20.000	19.458	2.7	96	0.00
92	1,2,3-Trichlorobenzene	20.000	18.994	5.0	93	0.00

(#) = Out of Range

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