

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022625\
 Data File : VX045044.D
 Acq On : 26 Feb 2025 10:05
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC020

Quant Time: Feb 27 05:09:55 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	104	0.00
2 M	Dichlorodifluoromethane	20.000	19.408	3.0	103	0.00
3 M	Chloromethane	20.000	17.532	12.3	93	0.01
4 M	Vinyl Chloride	20.000	18.379	8.1	99	0.00
5 M	Bromomethane	20.000	21.059	-5.3	114	0.00
6 M	Chloroethane	20.000	18.743	6.3	93	0.00
7 M	Trichlorofluoromethane	20.000	19.632	1.8	108	0.00
8 T	Diethyl Ether	20.000	18.856	5.7	102	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	18.855	5.7	105	0.00
10 M	1,1-Dichloroethene	20.000	18.741	6.3	104	0.00
11	Methyl Iodide	20.000	17.495	12.5	108	0.00
12	Methyl Acetate	20.000	21.918	-9.6	122	0.00
13 M	Acrolein	100.000	130.158	-30.2#	152	0.00
14 M	Acrylonitrile	100.000	103.413	-3.4	112	0.00
15 M	Acetone	100.000	112.437	-12.4	118	0.00
16 M	Carbon Disulfide	20.000	17.747	11.3	100	0.00
17	Allyl chloride	20.000	18.834	5.8	106	0.00
18 M	Methylene Chloride	20.000	18.734	6.3	101	0.00
19 M	trans-1,2-Dichloroethene	20.000	18.597	7.0	102	0.00
20 T	Diisopropyl ether	20.000	19.020	4.9	104	0.00
21 M	1,1-Dichloroethane	20.000	18.804	6.0	103	0.00
22 M	cis-1,2-Dichloroethene	20.000	18.979	5.1	104	0.00
23 M	tert-Butyl Alcohol	100.000	96.162	3.8	106	-0.01
24 M	Methyl tert-Butyl Ether	20.000	18.950	5.3	105	0.00
25 M	Chloroform	20.000	19.622	1.9	106	0.00
26	Cyclohexane	20.000	18.327	8.4	99	0.00
27 s	1,2-Dichloroethane-d4	30.000	29.646	1.2	104	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	102	0.00
29	1,1-Dichloropropene	20.000	19.364	3.2	102	0.00
30 M	2-Butanone	100.000	111.235	-11.2	117	0.00
31	2,2-Dichloropropane	20.000	19.005	5.0	103	0.00
32 M	1,1,1-Trichloroethane	20.000	19.891	0.5	105	0.00
33 M	Carbon Tetrachloride	20.000	20.109	-0.5	106	0.00
34 M	Benzene	20.000	19.772	1.1	103	0.00
35	Methacrylonitrile	20.000	21.363	-6.8	112	0.00
36 M	1,2-Dichloroethane	20.000	20.276	-1.4	106	0.00
37 M	Trichloroethene	20.000	19.687	1.6	102	0.00
38	Methylcyclohexane	20.000	19.321	3.4	104	0.00
39 M	1,2-Dichloropropane	20.000	19.489	2.6	101	0.00
40	Dibromomethane	20.000	20.263	-1.3	106	0.00
41 M	Bromodichloromethane	20.000	20.135	-0.7	106	0.00
42 M	Vinyl Acetate	100.000	97.890	2.1	104	0.00
43	Ethyl Acetate	20.000	20.103	-0.5	106	0.00
44	Isopropyl Acetate	20.000	20.521	-2.6	112	0.00
45 T	1,4-Dioxane	400.000	414.728	-3.7	104	0.00
46	Methyl methacrylate	20.000	20.429	-2.1	110	0.00
47	n-amyl Acetate	20.000	18.477	7.6	100	0.00
48 M	t-1,3-Dichloropropene	20.000	18.292	8.5	104	0.00

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Instrument :
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 LabSampleId :
 VSTDCCC020

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 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	19.490	2.6	105	0.00
50 M	1,1,2-Trichloroethane	20.000	20.554	-2.8	105	0.00
51	Ethyl methacrylate	20.000	18.918	5.4	104	0.00
52	1,3-Dichloropropane	20.000	20.416	-2.1	104	0.00
53 M	Dibromochloromethane	20.000	20.131	-0.7	105	0.00
54 M	1,2-Dibromoethane	20.000	20.485	-2.4	107	0.00
55 M	2-Chloroethyl vinyl ether	100.000	87.452	12.5	92	0.00
56 M	Bromoform	20.000	20.030	-0.2	111	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	104	0.00
58 M	4-Methyl-2-Pentanone	100.000	107.090	-7.1	111	0.00
59 M	2-Hexanone	100.000	104.699	-4.7	110	0.00
60 S	4-Bromofluorobenzene	30.000	29.168	2.8	101	0.00
61 M	Tetrachloroethene	20.000	20.159	-0.8	105	0.00
62 M	Toluene	20.000	19.901	0.5	105	0.00
63 S	Toluene-d8	30.000	30.234	-0.8	104	0.00
64 M	Chlorobenzene	20.000	19.931	0.3	105	0.00
65	1,1,1,2-Tetrachloroethane	20.000	19.651	1.7	105	0.00
66 M	Ethyl Benzene	20.000	19.599	2.0	105	0.00
67 M	m/p-Xylenes	40.000	39.842	0.4	102	0.00
68 M	o-Xylene	20.000	19.944	0.3	103	0.00
69 M	Styrene	20.000	19.756	1.2	103	0.00
70	Isopropylbenzene	20.000	19.952	0.2	104	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	20.002	-0.0	105	0.00
72	1,2,3-Trichloropropane	20.000	20.181	-0.9	107	0.00
73	Bromobenzene	20.000	19.643	1.8	103	0.00
74	n-propylbenzene	20.000	19.336	3.3	102	0.00
75	2-Chlorotoluene	20.000	19.437	2.8	101	0.00
76	1,3,5-Trimethylbenzene	20.000	19.787	1.1	103	0.00
77	t-1,4-Dichloro-2-butene	20.000	18.590	7.1	112	0.00
78	4-Chlorotoluene	20.000	19.320	3.4	102	0.00
79	tert-butylbenzene	20.000	19.856	0.7	103	0.00
80	1,2,4-Trimethylbenzene	20.000	19.486	2.6	100	0.00
81	sec-Butylbenzene	20.000	19.487	2.6	102	0.00
82	p-Isopropyltoluene	20.000	19.341	3.3	102	0.00
83 M	1,3-Dichlorobenzene	20.000	18.660	6.7	97	0.00
84 M	1,4-Dichlorobenzene	20.000	18.955	5.2	100	0.00
85	n-Butylbenzene	20.000	18.603	7.0	101	0.00
86 T	Hexachloroethane	20.000	19.298	3.5	108	0.00
87 M	1,2-Dichlorobenzene	20.000	19.154	4.2	99	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	19.050	4.7	107	0.00
89	1,2,4-Trichlorobenzene	20.000	18.317	8.4	101	0.00
90	Hexachlorobutadiene	20.000	19.208	4.0	101	0.00
91 M	Naphthalene	20.000	18.639	6.8	100	0.00
92	1,2,3-Trichlorobenzene	20.000	18.359	8.2	98	0.00

(#) = Out of Range

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