

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX011625\
 Data File : VX044673.D
 Acq On : 16 Jan 2025 16:04
 Operator :
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC020

Quant Time: Jan 17 01:32:17 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	95	0.00
2 M	Dichlorodifluoromethane	20.000	19.455	2.7	93	0.00
3 M	Chloromethane	20.000	19.691	1.5	91	0.00
4 M	Vinyl Chloride	20.000	18.120	9.4	86	0.00
5 M	Bromomethane	20.000	16.655	16.7	81	0.00
6 M	Chloroethane	20.000	18.224	8.9	87	0.00
7 M	Trichlorofluoromethane	20.000	19.248	3.8	93	0.00
8 T	Diethyl Ether	20.000	14.703	26.5#	70	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	19.767	1.2	97	0.00
10 M	1,1-Dichloroethene	20.000	18.344	8.3	89	0.00
11	Methyl Iodide	20.000	16.043	19.8	75	0.00
12	Methyl Acetate	20.000	19.318	3.4	94	0.00
13 M	Acrolein	100.000	70.033	30.0#	81	0.00
14 M	Acrylonitrile	100.000	98.817	1.2	93	0.00
15 M	Acetone	100.000	96.738	3.3	94	0.00
16 M	Carbon Disulfide	20.000	18.931	5.3	91	0.00
17	Allyl chloride	20.000	19.325	3.4	91	0.00
18 M	Methylene Chloride	20.000	19.422	2.9	90	0.00
19 M	trans-1,2-Dichloroethene	20.000	19.215	3.9	91	0.00
20 T	Diisopropyl ether	20.000	19.720	1.4	91	0.00
21 M	1,1-Dichloroethane	20.000	18.750	6.3	88	0.00
22 M	cis-1,2-Dichloroethene	20.000	18.914	5.4	87	0.00
23 M	tert-Butyl Alcohol	100.000	104.625	-4.6	97	0.00
24 M	Methyl tert-Butyl Ether	20.000	19.371	3.1	90	0.00
25 M	Chloroform	20.000	19.070	4.6	89	-0.01
26	Cyclohexane	20.000	19.717	1.4	94	0.00
27 s	1,2-Dichloroethane-d4	30.000	28.481	5.1	91	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	91	0.00
29	1,1-Dichloropropene	20.000	19.557	2.2	89	0.00
30 M	2-Butanone	100.000	104.202	-4.2	92	0.00
31	2,2-Dichloropropane	20.000	19.830	0.9	90	-0.01
32 M	1,1,1-Trichloroethane	20.000	19.679	1.6	88	0.00
33 M	Carbon Tetrachloride	20.000	19.601	2.0	89	0.00
34 M	Benzene	20.000	20.049	-0.2	88	0.00
35	Methacrylonitrile	20.000	20.300	-1.5	92	-0.02
36 M	1,2-Dichloroethane	20.000	19.606	2.0	86	0.00
37 M	Trichloroethene	20.000	19.452	2.7	88	0.00
38	Methylcyclohexane	20.000	20.772	-3.9	97	0.00
39 M	1,2-Dichloropropane	20.000	19.791	1.0	88	0.00
40	Dibromomethane	20.000	19.744	1.3	88	0.00
41 M	Bromodichloromethane	20.000	19.393	3.0	86	0.00
42 M	Vinyl Acetate	100.000	105.289	-5.3	92	0.00
43	Ethyl Acetate	20.000	21.625	-8.1	94	0.00
44	Isopropyl Acetate	20.000	20.408	-2.0	90	0.00
45 T	1,4-Dioxane	400.000	373.825	6.5	80	-0.01
46	Methyl methacrylate	20.000	20.130	-0.6	89	0.00
47	n-amyl Acetate	20.000	21.487	-7.4	92	0.00
48 M	t-1,3-Dichloropropene	20.000	19.869	0.7	88	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	20.000	19.852	0.7	87	0.00
50 M	1,1,2-Trichloroethane	20.000	20.701	-3.5	90	0.00
51	Ethyl methacrylate	20.000	21.032	-5.2	92	0.00
52	1,3-Dichloropropane	20.000	20.497	-2.5	89	0.00
53 M	Dibromochloromethane	20.000	19.782	1.1	85	0.00
54 M	1,2-Dibromoethane	20.000	20.361	-1.8	89	0.00
55 M	2-Chloroethyl vinyl ether	100.000	104.455	-4.5	91	0.00
56 M	Bromoform	20.000	20.352	-1.8	90	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	91	0.00
58 M	4-Methyl-2-Pentanone	100.000	104.616	-4.6	93	0.00
59 M	2-Hexanone	100.000	105.337	-5.3	94	0.00
60 S	4-Bromofluorobenzene	30.000	30.716	-2.4	94	0.00
61 M	Tetrachloroethene	20.000	19.687	1.6	92	0.00
62 M	Toluene	20.000	19.684	1.6	90	0.00
63 S	Toluene-d8	30.000	29.905	0.3	92	0.00
64 M	Chlorobenzene	20.000	19.708	1.5	90	0.00
65	1,1,1,2-Tetrachloroethane	20.000	19.621	1.9	89	0.00
66 M	Ethyl Benzene	20.000	19.798	1.0	89	0.00
67 M	m/p-Xylenes	40.000	40.577	-1.4	90	0.00
68 M	o-Xylene	20.000	20.164	-0.8	89	0.00
69 M	Styrene	20.000	20.220	-1.1	89	0.00
70	Isopropylbenzene	20.000	20.143	-0.7	90	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	20.841	-4.2	93	0.00
72	1,2,3-Trichloropropane	20.000	21.255	-6.3	94	0.00
73	Bromobenzene	20.000	19.780	1.1	88	0.00
74	n-propylbenzene	20.000	20.382	-1.9	91	0.00
75	2-Chlorotoluene	20.000	20.507	-2.5	91	0.00
76	1,3,5-Trimethylbenzene	20.000	20.650	-3.2	91	0.00
77	t-1,4-Dichloro-2-butene	20.000	19.376	3.1	89	0.00
78	4-Chlorotoluene	20.000	20.241	-1.2	90	0.00
79	tert-butylbenzene	20.000	20.675	-3.4	91	0.00
80	1,2,4-Trimethylbenzene	20.000	20.596	-3.0	91	0.00
81	sec-Butylbenzene	20.000	20.694	-3.5	92	0.00
82	p-Isopropyltoluene	20.000	20.684	-3.4	92	0.00
83 M	1,3-Dichlorobenzene	20.000	20.156	-0.8	90	0.00
84 M	1,4-Dichlorobenzene	20.000	20.694	-3.5	92	0.00
85	n-Butylbenzene	20.000	20.857	-4.3	95	0.00
86 T	Hexachloroethane	20.000	19.660	1.7	90	0.00
87 M	1,2-Dichlorobenzene	20.000	20.516	-2.6	91	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	18.783	6.1	87	0.00
89	1,2,4-Trichlorobenzene	20.000	19.682	1.6	93	0.00
90	Hexachlorobutadiene	20.000	19.451	2.7	89	0.00
91 M	Naphthalene	20.000	20.484	-2.4	93	0.00
92	1,2,3-Trichlorobenzene	20.000	19.852	0.7	90	0.00

(#) = Out of Range

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