

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX012325\
 Data File : VX044709.D
 Acq On : 23 Jan 2025 15:45
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC020

Quant Time: Jan 24 03:16:52 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	87	0.00
2 M	Dichlorodifluoromethane	20.000	19.139	4.3	84	0.00
3 M	Chloromethane	20.000	21.249	-6.2	90	0.00
4 M	Vinyl Chloride	20.000	21.587	-7.9	94	0.00
5 M	Bromomethane	20.000	19.906	0.5	89	0.00
6 M	Chloroethane	20.000	26.917	-34.6#	119	0.00
7 M	Trichlorofluoromethane	20.000	20.016	-0.1	89	0.00
8 T	Diethyl Ether	20.000	17.096	14.5	75	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	21.429	-7.1	96	0.00
10 M	1,1-Dichloroethene	20.000	20.907	-4.5	93	0.00
11	Methyl Iodide	20.000	17.783	11.1	76	0.00
12	Methyl Acetate	20.000	19.232	3.8	87	0.00
13 M	Acrolein	100.000	140.577	-40.6#	149	0.00
14 M	Acrylonitrile	100.000	99.964	0.0	86	0.00
15 M	Acetone	100.000	93.254	6.7	83	0.00
16 M	Carbon Disulfide	20.000	20.753	-3.8	92	0.00
17	Allyl chloride	20.000	20.918	-4.6	90	0.00
18 M	Methylene Chloride	20.000	20.542	-2.7	88	0.00
19 M	trans-1,2-Dichloroethene	20.000	21.101	-5.5	92	0.00
20 T	Diisopropyl ether	20.000	21.732	-8.7	92	0.00
21 M	1,1-Dichloroethane	20.000	20.767	-3.8	90	0.00
22 M	cis-1,2-Dichloroethene	20.000	20.323	-1.6	86	0.00
23 M	tert-Butyl Alcohol	100.000	89.751	10.2	77	-0.01
24 M	Methyl tert-Butyl Ether	20.000	19.566	2.2	84	0.00
25 M	Chloroform	20.000	20.373	-1.9	87	0.00
26	Cyclohexane	20.000	22.635	-13.2	100	0.00
27 s	1,2-Dichloroethane-d4	30.000	26.854	10.5	79	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	89	0.00
29	1,1-Dichloropropene	20.000	20.691	-3.5	92	0.00
30 M	2-Butanone	100.000	94.365	5.6	82	0.00
31	2,2-Dichloropropane	20.000	18.643	6.8	82	0.00
32 M	1,1,1-Trichloroethane	20.000	19.290	3.6	84	0.00
33 M	Carbon Tetrachloride	20.000	19.215	3.9	85	0.00
34 M	Benzene	20.000	21.121	-5.6	91	0.00
35	Methacrylonitrile	20.000	18.917	5.4	83	-0.01
36 M	1,2-Dichloroethane	20.000	18.609	7.0	80	0.00
37 M	Trichloroethene	20.000	20.347	-1.7	90	0.00
38	Methylcyclohexane	20.000	20.949	-4.7	95	0.00
39 M	1,2-Dichloropropane	20.000	20.908	-4.5	90	0.00
40	Dibromomethane	20.000	19.059	4.7	83	0.00
41 M	Bromodichloromethane	20.000	19.087	4.6	83	0.00
42 M	Vinyl Acetate	100.000	102.301	-2.3	87	0.00
43	Ethyl Acetate	20.000	19.293	3.5	81	-0.01
44	Isopropyl Acetate	20.000	18.961	5.2	82	0.00
45 T	1,4-Dioxane	400.000	362.786	9.3	76	0.00
46	Methyl methacrylate	20.000	18.443	7.8	80	0.00
47	n-amyl Acetate	20.000	19.487	2.6	81	0.00
48 M	t-1,3-Dichloropropene	20.000	19.279	3.6	83	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	20.000	19.752	1.2	85	0.00
50 M	1,1,2-Trichloroethane	20.000	20.744	-3.7	88	0.00
51	Ethyl methacrylate	20.000	19.965	0.2	85	0.00
52	1,3-Dichloropropane	20.000	20.568	-2.8	88	0.00
53 M	Dibromochloromethane	20.000	19.582	2.1	82	0.00
54 M	1,2-Dibromoethane	20.000	19.830	0.9	84	0.00
55 M	2-Chloroethyl vinyl ether	100.000	95.419	4.6	81	0.00
56 M	Bromoform	20.000	18.514	7.4	80	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	87	0.00
58 M	4-Methyl-2-Pentanone	100.000	97.229	2.8	83	0.00
59 M	2-Hexanone	100.000	95.881	4.1	82	0.00
60 S	4-Bromofluorobenzene	30.000	29.206	2.6	86	0.00
61 M	Tetrachloroethene	20.000	20.550	-2.8	92	0.00
62 M	Toluene	20.000	20.734	-3.7	91	0.00
63 S	Toluene-d8	30.000	30.323	-1.1	89	0.00
64 M	Chlorobenzene	20.000	20.925	-4.6	91	0.00
65	1,1,1,2-Tetrachloroethane	20.000	19.753	1.2	85	0.00
66 M	Ethyl Benzene	20.000	20.768	-3.8	90	0.00
67 M	m/p-Xylenes	40.000	42.756	-6.9	91	0.00
68 M	o-Xylene	20.000	21.042	-5.2	89	0.00
69 M	Styrene	20.000	21.125	-5.6	89	0.00
70	Isopropylbenzene	20.000	21.448	-7.2	92	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	20.047	-0.2	86	0.00
72	1,2,3-Trichloropropane	20.000	19.710	1.4	84	0.00
73	Bromobenzene	20.000	20.818	-4.1	89	0.00
74	n-propylbenzene	20.000	21.911	-9.6	94	0.00
75	2-Chlorotoluene	20.000	21.346	-6.7	91	0.00
76	1,3,5-Trimethylbenzene	20.000	21.700	-8.5	92	0.00
77	t-1,4-Dichloro-2-butene	20.000	17.680	11.6	77	0.00
78	4-Chlorotoluene	20.000	21.319	-6.6	91	0.00
79	tert-butylbenzene	20.000	21.474	-7.4	91	0.00
80	1,2,4-Trimethylbenzene	20.000	21.581	-7.9	92	0.00
81	sec-Butylbenzene	20.000	22.035	-10.2	94	0.00
82	p-Isopropyltoluene	20.000	21.790	-8.9	93	0.00
83 M	1,3-Dichlorobenzene	20.000	21.141	-5.7	91	0.00
84 M	1,4-Dichlorobenzene	20.000	21.369	-6.8	91	0.00
85	n-Butylbenzene	20.000	21.946	-9.7	96	0.00
86 T	Hexachloroethane	20.000	19.823	0.9	87	0.00
87 M	1,2-Dichlorobenzene	20.000	20.952	-4.8	89	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	16.041	19.8	72	0.00
89	1,2,4-Trichlorobenzene	20.000	20.503	-2.5	93	0.00
90	Hexachlorobutadiene	20.000	20.878	-4.4	91	0.00
91 M	Naphthalene	20.000	19.647	1.8	85	0.00
92	1,2,3-Trichlorobenzene	20.000	20.417	-2.1	89	0.00

(#) = Out of Range

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