

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX010923\
 Data File : VX033674.D
 Acq On : 09 Jan 2023 19:30
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC020

Quant Time: Jan 10 00:49:15 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X010723W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Sat Jan 07 06:16:21 2023
 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	88	0.00
2 M	Dichlorodifluoromethane	20.000	20.295	-1.5	85	0.00
3 M	Chloromethane	20.000	22.982	-14.9	95	0.00
4 M	Vinyl Chloride	20.000	23.664	-18.3	107	0.00
5 M	Bromomethane	20.000	16.743	16.3	72	0.00
6 M	Chloroethane	20.000	19.971	0.1	89	0.00
7 M	Trichlorofluoromethane	20.000	17.313	13.4	73	0.00
8 T	Diethyl Ether	20.000	17.813	10.9	84	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	17.674	11.6	84	0.00
10 M	1,1-Dichloroethene	20.000	17.837	10.8	85	0.00
11	Methyl Iodide	20.000	8.515	57.4#	41	0.00
12	Methyl Acetate	20.000	14.899	25.5#	66	0.00
13 M	Acrolein	100.000	97.716	2.3	98	0.00
14 M	Acrylonitrile	100.000	108.717	-8.7	92	0.00
15 M	Acetone	100.000	81.871	18.1	80	0.00
16 M	Carbon Disulfide	20.000	17.019	14.9	84	0.00
17	Allyl chloride	20.000	15.769	21.2	68	0.00
18 M	Methylene Chloride	20.000	15.321	23.4	68	0.00
19 M	trans-1,2-Dichloroethene	20.000	20.929	-4.6	90	0.00
20 T	Diisopropyl ether	20.000	21.104	-5.5	88	0.00
21 M	1,1-Dichloroethane	20.000	20.656	-3.3	89	0.00
22 M	cis-1,2-Dichloroethene	20.000	20.052	-0.3	87	0.00
23 M	tert-Butyl Alcohol	100.000	90.507	9.5	76	-0.04
24 M	Methyl tert-Butyl Ether	20.000	20.352	-1.8	86	0.00
25 M	Chloroform	20.000	21.244	-6.2	89	0.00
26	Cyclohexane	20.000	20.789	-3.9	89	0.00
27 s	1,2-Dichloroethane-d4	30.000	32.315	-7.7	88	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	85	0.00
29	1,1-Dichloropropene	20.000	20.642	-3.2	89	0.00
30 M	2-Butanone	100.000	101.286	-1.3	87	0.00
31	2,2-Dichloropropane	20.000	21.855	-9.3	97	0.00
32 M	1,1,1-Trichloroethane	20.000	20.535	-2.7	90	0.00
33 M	Carbon Tetrachloride	20.000	21.587	-7.9	95	0.00
34 M	Benzene	20.000	20.563	-2.8	90	0.00
35	Methacrylonitrile	20.000	20.676	-3.4	89	0.00
36 M	1,2-Dichloroethane	20.000	21.486	-7.4	90	0.00
37 M	Trichloroethene	20.000	20.035	-0.2	88	0.00
38	Methylcyclohexane	20.000	20.391	-2.0	89	0.00
39 M	1,2-Dichloropropane	20.000	20.383	-1.9	87	0.00
40	Dibromomethane	20.000	20.423	-2.1	88	0.00
41 M	Bromodichloromethane	20.000	21.450	-7.2	93	0.00
42 M	Vinyl Acetate	100.000	101.165	-1.2	86	0.00
43	Ethyl Acetate	20.000	19.424	2.9	80	0.00
44	Isopropyl Acetate	20.000	19.248	3.8	85	0.00
45 T	1,4-Dioxane	400.000	379.103	5.2	79	-0.02
46	Methyl methacrylate	20.000	20.031	-0.2	86	0.00
47	n-amyl Acetate	20.000	19.829	0.9	86	0.00
48 M	t-1,3-Dichloropropene	20.000	20.287	-1.4	92	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	20.000	20.400	-2.0	92	0.00
50 M	1,1,2-Trichloroethane	20.000	20.444	-2.2	89	0.00
51	Ethyl methacrylate	20.000	19.679	1.6	86	0.00
52	1,3-Dichloropropane	20.000	20.975	-4.9	90	0.00
53 M	Dibromochloromethane	20.000	22.266	-11.3	101	0.00
54 M	1,2-Dibromoethane	20.000	20.770	-3.8	91	0.00
55 M	2-Chloroethyl vinyl ether	100.000	96.863	3.1	85	0.00
56 M	Bromoform	20.000	22.123	-10.6	100	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	85	0.00
58 M	4-Methyl-2-Pentanone	100.000	107.135	-7.1	89	0.00
59 M	2-Hexanone	100.000	105.999	-6.0	89	0.00
60 S	4-Bromofluorobenzene	30.000	31.020	-3.4	88	0.00
61 M	Tetrachloroethene	20.000	20.499	-2.5	90	0.00
62 M	Toluene	20.000	20.663	-3.3	88	0.00
63 S	Toluene-d8	30.000	30.580	-1.9	86	0.00
64 M	Chlorobenzene	20.000	20.505	-2.5	89	0.00
65	1,1,1,2-Tetrachloroethane	20.000	20.717	-3.6	90	0.00
66 M	Ethyl Benzene	20.000	20.785	-3.9	89	0.00
67 M	m/p-Xylenes	40.000	41.576	-3.9	88	0.00
68 M	o-Xylene	20.000	20.948	-4.7	89	0.00
69 M	Styrene	20.000	20.610	-3.0	88	0.00
70	Isopropylbenzene	20.000	20.995	-5.0	89	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	21.879	-9.4	92	0.00
72	1,2,3-Trichloropropane	20.000	21.947	-9.7	92	0.00
73	Bromobenzene	20.000	20.559	-2.8	89	0.00
74	n-propylbenzene	20.000	21.281	-6.4	91	0.00
75	2-Chlorotoluene	20.000	21.431	-7.2	92	0.00
76	1,3,5-Trimethylbenzene	20.000	21.172	-5.9	90	0.00
77	t-1,4-Dichloro-2-butene	20.000	20.569	-2.8	97	0.00
78	4-Chlorotoluene	20.000	21.446	-7.2	91	0.00
79	tert-butylbenzene	20.000	21.161	-5.8	90	0.00
80	1,2,4-Trimethylbenzene	20.000	21.516	-7.6	91	0.00
81	sec-Butylbenzene	20.000	21.389	-6.9	92	0.00
82	p-Isopropyltoluene	20.000	21.549	-7.7	92	0.00
83 M	1,3-Dichlorobenzene	20.000	20.697	-3.5	90	0.00
84 M	1,4-Dichlorobenzene	20.000	20.899	-4.5	91	0.00
85	n-Butylbenzene	20.000	21.497	-7.5	95	0.00
86 T	Hexachloroethane	20.000	22.598	-13.0	104	0.00
87 M	1,2-Dichlorobenzene	20.000	21.863	-9.3	95	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	21.600	-8.0	95	0.00
89	1,2,4-Trichlorobenzene	20.000	20.642	-3.2	91	0.00
90	Hexachlorobutadiene	20.000	20.677	-3.4	92	0.00
91 M	Naphthalene	20.000	21.247	-6.2	91	0.00
92	1,2,3-Trichlorobenzene	20.000	20.958	-4.8	93	0.00

(#) = Out of Range

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