

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052523\
 Data File : VX035884.D
 Acq On : 26 May 2023 04:46
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC020

Quant Time: May 26 09:23:38 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X052323W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Tue May 23 11:36:37 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	86	0.00
2 M	Dichlorodifluoromethane	20.000	23.910	-19.6	161	0.00
3 M	Chloromethane	20.000	20.009	-0.0	98	0.00
4 M	Vinyl Chloride	20.000	20.953	-4.8	110	0.00
5 M	Bromomethane	20.000	18.558	7.2	87	0.00
6 M	Chloroethane	20.000	21.496	-7.5	106	0.00
7 M	Trichlorofluoromethane	20.000	20.688	-3.4	125	0.00
8 T	Diethyl Ether	20.000	19.476	2.6	89	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	23.143	-15.7	151	0.00
10 M	1,1-Dichloroethene	20.000	20.277	-1.4	104	0.00
11	Methyl Iodide	20.000	18.250	8.8	91	0.00
12	Methyl Acetate	20.000	19.824	0.9	87	0.00
13 M	Acrolein	100.000	93.745	6.3	89	0.00
14 M	Acrylonitrile	100.000	98.724	1.3	89	0.00
15 M	Acetone	100.000	92.243	7.8	80	-0.01
16 M	Carbon Disulfide	20.000	17.227	13.9	97	0.00
17	Allyl chloride	20.000	18.593	7.0	90	0.00
18 M	Methylene Chloride	20.000	19.986	0.1	93	0.00
19 M	trans-1,2-Dichloroethene	20.000	19.932	0.3	94	0.00
20 T	Diisopropyl ether	20.000	20.187	-0.9	92	0.00
21 M	1,1-Dichloroethane	20.000	20.183	-0.9	95	0.00
22 M	cis-1,2-Dichloroethene	20.000	19.667	1.7	93	0.00
23 M	tert-Butyl Alcohol	100.000	102.550	-2.5	90	-0.02
24 M	Methyl tert-Butyl Ether	20.000	19.596	2.0	90	0.00
25 M	Chloroform	20.000	20.020	-0.1	96	0.00
26	Cyclohexane	20.000	21.826	-9.1	140	0.00
27 s	1,2-Dichloroethane-d4	30.000	30.151	-0.5	89	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	88	0.00
29	1,1-Dichloropropene	20.000	20.912	-4.6	108	0.00
30 M	2-Butanone	100.000	100.172	-0.2	87	-0.01
31	2,2-Dichloropropane	20.000	15.062	24.7	75	0.00
32 M	1,1,1-Trichloroethane	20.000	20.356	-1.8	102	0.00
33 M	Carbon Tetrachloride	20.000	20.132	-0.7	107	0.00
34 M	Benzene	20.000	20.359	-1.8	93	0.00
35	Methacrylonitrile	20.000	20.685	-3.4	92	0.00
36 M	1,2-Dichloroethane	20.000	20.264	-1.3	90	0.00
37 M	Trichloroethene	20.000	20.131	-0.7	95	0.00
38	Methylcyclohexane	20.000	22.053	-10.3	148	0.00
39 M	1,2-Dichloropropane	20.000	20.683	-3.4	94	0.00
40	Dibromomethane	20.000	20.264	-1.3	91	0.00
41 M	Bromodichloromethane	20.000	19.366	3.2	90	0.00
42 M	Vinyl Acetate	100.000	100.259	-0.3	92	0.00
43	Ethyl Acetate	20.000	19.364	3.2	89	0.00
44	Isopropyl Acetate	20.000	19.335	3.3	88	0.00
45 T	1,4-Dioxane	400.000	233.254	41.7#	47	-0.03
46	Methyl methacrylate	20.000	19.265	3.7	89	0.00
47	n-amyl Acetate	20.000	18.882	5.6	87	0.00
48 M	t-1,3-Dichloropropene	20.000	16.705	16.5	81	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	20.000	17.576	12.1	81	0.00
50 M	1,1,2-Trichloroethane	20.000	20.616	-3.1	92	0.00
51	Ethyl methacrylate	20.000	18.989	5.1	88	0.00
52	1,3-Dichloropropane	20.000	20.440	-2.2	90	0.00
53 M	Dibromochloromethane	20.000	18.367	8.2	88	0.00
54 M	1,2-Dibromoethane	20.000	20.014	-0.1	90	0.00
55 M	2-Chloroethyl vinyl ether	100.000	105.091	-5.1	89	0.00
56 M	Bromoform	20.000	17.329	13.4	89	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	89	0.00
58 M	4-Methyl-2-Pentanone	100.000	101.685	-1.7	90	0.00
59 M	2-Hexanone	100.000	101.596	-1.6	88	0.00
60 S	4-Bromofluorobenzene	30.000	29.341	2.2	88	0.00
61 M	Tetrachloroethene	20.000	21.434	-7.2	103	0.00
62 M	Toluene	20.000	20.511	-2.6	94	0.00
63 S	Toluene-d8	30.000	30.385	-1.3	90	0.00
64 M	Chlorobenzene	20.000	20.163	-0.8	92	0.00
65	1,1,1,2-Tetrachloroethane	20.000	18.803	6.0	89	0.00
66 M	Ethyl Benzene	20.000	20.334	-1.7	97	0.00
67 M	m/p-Xylenes	40.000	41.391	-3.5	97	0.00
68 M	o-Xylene	20.000	20.120	-0.6	92	0.00
69 M	Styrene	20.000	19.841	0.8	92	0.00
70	Isopropylbenzene	20.000	20.461	-2.3	98	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	20.577	-2.9	91	0.00
72	1,2,3-Trichloropropane	20.000	18.727	6.4	87	0.00
73	Bromobenzene	20.000	19.346	3.3	89	0.00
74	n-propylbenzene	20.000	20.271	-1.4	98	0.00
75	2-Chlorotoluene	20.000	19.998	0.0	94	0.00
76	1,3,5-Trimethylbenzene	20.000	20.379	-1.9	97	0.00
77	t-1,4-Dichloro-2-butene	20.000	14.050	29.8#	74	0.00
78	4-Chlorotoluene	20.000	19.709	1.5	93	0.00
79	tert-butylbenzene	20.000	20.317	-1.6	99	0.00
80	1,2,4-Trimethylbenzene	20.000	19.971	0.1	94	0.00
81	sec-Butylbenzene	20.000	20.468	-2.3	104	0.00
82	p-Isopropyltoluene	20.000	19.834	0.8	100	0.00
83 M	1,3-Dichlorobenzene	20.000	19.483	2.6	91	0.00
84 M	1,4-Dichlorobenzene	20.000	19.329	3.4	90	0.00
85	n-Butylbenzene	20.000	19.293	3.5	104	0.00
86 T	Hexachloroethane	20.000	17.353	13.2	98	0.00
87 M	1,2-Dichlorobenzene	20.000	20.539	-2.7	91	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	18.751	6.2	90	0.00
89	1,2,4-Trichlorobenzene	20.000	19.521	2.4	94	0.00
90	Hexachlorobutadiene	20.000	19.862	0.7	115	0.00
91 M	Naphthalene	20.000	19.859	0.7	91	0.00
92	1,2,3-Trichlorobenzene	20.000	19.803	1.0	94	0.00

(#) = Out of Range

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