

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071422\
 Data File : VX030077.D
 Acq On : 14 Jul 2022 21:38
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC020

Quant Time: Jul 15 04:42:18 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X070822W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Sat Jul 09 02:10:54 2022
 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	90	0.00
2 M	Dichlorodifluoromethane	20.000	19.012	4.9	82	0.00
3 M	Chloromethane	20.000	17.676	11.6	78	0.00
4 M	Vinyl Chloride	20.000	17.454	12.7	79	0.00
5 M	Bromomethane	20.000	19.785	1.1	77	0.00
6 M	Chloroethane	20.000	18.819	5.9	81	0.00
7 M	Trichlorofluoromethane	20.000	18.818	5.9	85	0.00
8 T	Diethyl Ether	20.000	17.793	11.0	82	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	18.326	8.4	82	0.00
10 M	1,1-Dichloroethene	20.000	18.370	8.1	82	0.00
11	Methyl Iodide	20.000	21.443	-7.2	109	0.00
12	Methyl Acetate	20.000	20.264	-1.3	93	0.00
13 M	Acrolein	100.000	72.636	27.4#	69	0.00
14 M	Acrylonitrile	100.000	93.789	6.2	84	0.00
15 M	Acetone	100.000	96.301	3.7	86	0.00
16 M	Carbon Disulfide	20.000	16.438	17.8	77	0.00
17	Allyl chloride	20.000	17.797	11.0	82	0.00
18 M	Methylene Chloride	20.000	18.656	6.7	83	0.00
19 M	trans-1,2-Dichloroethene	20.000	17.797	11.0	82	0.00
20 T	Diisopropyl ether	20.000	18.555	7.2	86	0.00
21 M	1,1-Dichloroethane	20.000	18.646	6.8	85	0.00
22 M	cis-1,2-Dichloroethene	20.000	18.285	8.6	84	0.00
23 M	tert-Butyl Alcohol	100.000	76.376	23.6	73	0.01
24 M	Methyl tert-Butyl Ether	20.000	18.357	8.2	84	0.00
25 M	Chloroform	20.000	19.128	4.4	89	0.00
26	Cyclohexane	20.000	17.830	10.9	83	0.00
27 s	1,2-Dichloroethane-d4	30.000	29.717	0.9	91	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	84	0.00
29	1,1-Dichloropropene	20.000	19.295	3.5	85	0.01
30 M	2-Butanone	100.000	100.851	-0.9	86	0.00
31	2,2-Dichloropropane	20.000	13.994	30.0#	61	0.00
32 M	1,1,1-Trichloroethane	20.000	20.126	-0.6	87	0.00
33 M	Carbon Tetrachloride	20.000	19.815	0.9	86	0.00
34 M	Benzene	20.000	19.723	1.4	83	0.00
35	Methacrylonitrile	20.000	20.105	-0.5	87	0.00
36 M	1,2-Dichloroethane	20.000	20.340	-1.7	87	0.00
37 M	Trichloroethene	20.000	19.558	2.2	84	0.00
38	Methylcyclohexane	20.000	18.922	5.4	82	0.00
39 M	1,2-Dichloropropane	20.000	19.082	4.6	81	0.00
40	Dibromomethane	20.000	19.669	1.7	85	0.00
41 M	Bromodichloromethane	20.000	20.332	-1.7	87	0.00
42 M	Vinyl Acetate	100.000	96.719	3.3	83	0.00
43	Ethyl Acetate	20.000	19.966	0.2	82	0.01
44	Isopropyl Acetate	20.000	19.241	3.8	84	0.00
45 T	1,4-Dioxane	400.000	399.664	0.1	85	0.00
46	Methyl methacrylate	20.000	19.874	0.6	87	0.00
47	n-amyl Acetate	20.000	17.639	11.8	81	0.00
48 M	t-1,3-Dichloropropene	20.000	17.457	12.7	79	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	20.000	17.721	11.4	77	0.00
50 M	1,1,2-Trichloroethane	20.000	20.385	-1.9	86	0.00
51	Ethyl methacrylate	20.000	18.940	5.3	83	0.00
52	1,3-Dichloropropane	20.000	19.949	0.3	85	0.00
53 M	Dibromochloromethane	20.000	19.407	3.0	86	0.00
54 M	1,2-Dibromoethane	20.000	19.834	0.8	85	0.00
55 M	2-Chloroethyl vinyl ether	100.000	101.214	-1.2	87	0.00
56 M	Bromoform	20.000	19.019	4.9	87	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	87	0.00
58 M	4-Methyl-2-Pentanone	100.000	98.723	1.3	87	0.00
59 M	2-Hexanone	100.000	98.446	1.6	87	0.00
60 S	4-Bromofluorobenzene	30.000	29.351	2.2	89	0.00
61 M	Tetrachloroethene	20.000	21.182	-5.9	89	0.00
62 M	Toluene	20.000	18.990	5.1	83	0.00
63 S	Toluene-d8	30.000	29.667	1.1	85	0.00
64 M	Chlorobenzene	20.000	19.215	3.9	85	0.00
65	1,1,1,2-Tetrachloroethane	20.000	19.302	3.5	85	0.00
66 M	Ethyl Benzene	20.000	19.173	4.1	85	0.00
67 M	m/p-Xylenes	40.000	38.260	4.4	83	0.00
68 M	o-Xylene	20.000	18.923	5.4	82	0.00
69 M	Styrene	20.000	19.075	4.6	85	0.00
70	Isopropylbenzene	20.000	19.259	3.7	85	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	18.315	8.4	81	0.00
72	1,2,3-Trichloropropane	20.000	18.631	6.8	80	0.00
73	Bromobenzene	20.000	18.618	6.9	84	0.00
74	n-propylbenzene	20.000	18.593	7.0	83	0.00
75	2-Chlorotoluene	20.000	19.031	4.8	84	0.00
76	1,3,5-Trimethylbenzene	20.000	18.624	6.9	84	0.00
77	t-1,4-Dichloro-2-butene	20.000	14.915	25.4#	71	0.00
78	4-Chlorotoluene	20.000	18.557	7.2	83	0.00
79	tert-butylbenzene	20.000	18.280	8.6	83	0.00
80	1,2,4-Trimethylbenzene	20.000	18.248	8.8	84	0.00
81	sec-Butylbenzene	20.000	18.227	8.9	83	0.00
82	p-Isopropyltoluene	20.000	18.152	9.2	82	0.00
83 M	1,3-Dichlorobenzene	20.000	18.434	7.8	83	0.00
84 M	1,4-Dichlorobenzene	20.000	17.821	10.9	81	0.00
85	n-Butylbenzene	20.000	17.457	12.7	83	0.00
86 T	Hexachloroethane	20.000	17.613	11.9	85	0.00
87 M	1,2-Dichlorobenzene	20.000	19.108	4.5	86	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	18.462	7.7	85	0.00
89	1,2,4-Trichlorobenzene	20.000	17.496	12.5	80	0.00
90	Hexachlorobutadiene	20.000	17.920	10.4	85	0.00
91 M	Naphthalene	20.000	18.167	9.2	82	0.00
92	1,2,3-Trichlorobenzene	20.000	17.947	10.3	84	0.00

(#) = Out of Range

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