

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050522\
 Data File : VX028528.D
 Acq On : 05 May 2022 10:57
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampled :
 VSTDCCC020

Quant Time: May 06 02:25:18 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X042822W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Apr 29 06:09:36 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	86	0.00
2 M	Dichlorodifluoromethane	20.000	19.400	3.0	82	0.00
3 M	Chloromethane	20.000	20.753	-3.8	88	0.00
4 M	Vinyl Chloride	20.000	20.305	-1.5	87	0.00
5 M	Bromomethane	20.000	19.088	4.6	84	0.00
6 M	Chloroethane	20.000	20.516	-2.6	89	0.00
7 M	Trichlorofluoromethane	20.000	20.187	-0.9	88	0.00
8 T	Diethyl Ether	20.000	20.815	-4.1	91	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	19.827	0.9	90	0.00
10 M	1,1-Dichloroethene	20.000	18.765	6.2	85	0.00
11	Methyl Iodide	20.000	17.405	13.0	83	0.00
12	Methyl Acetate	20.000	21.291	-6.5	91	0.00
13 M	Acrolein	100.000	86.101	13.9	78	0.00
14 M	Acrylonitrile	100.000	106.057	-6.1	90	0.00
15 M	Acetone	100.000	102.808	-2.8	88	0.00
16 M	Carbon Disulfide	20.000	22.676	-13.4	106	0.00
17	Allyl chloride	20.000	19.996	0.0	89	0.00
18 M	Methylene Chloride	20.000	20.779	-3.9	92	0.00
19 M	trans-1,2-Dichloroethene	20.000	19.908	0.5	88	0.00
20 T	Diisopropyl ether	20.000	20.425	-2.1	89	0.00
21 M	1,1-Dichloroethane	20.000	20.049	-0.2	88	0.00
22 M	cis-1,2-Dichloroethene	20.000	19.430	2.9	85	0.00
23 M	tert-Butyl Alcohol	100.000	88.877	11.1	77	0.00
24 M	Methyl tert-Butyl Ether	20.000	19.867	0.7	87	0.00
25 M	Chloroform	20.000	20.224	-1.1	89	0.00
26	Cyclohexane	20.000	20.267	-1.3	88	0.00
27 s	1,2-Dichloroethane-d4	30.000	30.837	-2.8	88	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	82	0.00
29	1,1-Dichloropropene	20.000	20.963	-4.8	87	0.00
30 M	2-Butanone	100.000	109.473	-9.5	88	0.00
31	2,2-Dichloropropane	20.000	19.692	1.5	85	0.00
32 M	1,1,1-Trichloroethane	20.000	20.549	-2.7	88	0.00
33 M	Carbon Tetrachloride	20.000	20.788	-3.9	89	0.00
34 M	Benzene	20.000	20.872	-4.4	87	0.00
35	Methacrylonitrile	20.000	21.333	-6.7	86	0.00
36 M	1,2-Dichloroethane	20.000	21.622	-8.1	90	0.00
37 M	Trichloroethene	20.000	20.377	-1.9	87	0.00
38	Methylcyclohexane	20.000	21.143	-5.7	88	0.00
39 M	1,2-Dichloropropane	20.000	21.324	-6.6	89	0.00
40	Dibromomethane	20.000	21.516	-7.6	89	0.00
41 M	Bromodichloromethane	20.000	21.940	-9.7	96	0.00
42 M	Vinyl Acetate	100.000	108.628	-8.6	89	0.00
43	Ethyl Acetate	20.000	20.438	-2.2	83	0.00
44	Isopropyl Acetate	20.000	20.592	-3.0	87	0.00
45 T	1,4-Dioxane	400.000	431.757	-7.9	87	0.00
46	Methyl methacrylate	20.000	20.866	-4.3	88	0.00
47	n-amyl Acetate	20.000	20.371	-1.9	88	0.00
48 M	t-1,3-Dichloropropene	20.000	20.000	0.0	90	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	20.000	20.548	-2.7	89	0.00
50 M	1,1,2-Trichloroethane	20.000	21.331	-6.7	90	0.00
51	Ethyl methacrylate	20.000	20.495	-2.5	88	0.00
52	1,3-Dichloropropane	20.000	21.480	-7.4	90	0.00
53 M	Dibromochloromethane	20.000	21.501	-7.5	97	0.00
54 M	1,2-Dibromoethane	20.000	20.795	-4.0	87	0.00
55 M	2-Chloroethyl vinyl ether	100.000	103.261	-3.3	88	0.00
56 M	Bromoform	20.000	21.701	-8.5	105	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	85	0.00
58 M	4-Methyl-2-Pentanone	100.000	109.614	-9.6	90	0.00
59 M	2-Hexanone	100.000	108.634	-8.6	88	0.00
60 S	4-Bromofluorobenzene	30.000	30.040	-0.1	85	0.00
61 M	Tetrachloroethene	20.000	20.758	-3.8	89	0.00
62 M	Toluene	20.000	20.805	-4.0	88	0.00
63 S	Toluene-d8	30.000	30.665	-2.2	84	0.00
64 M	Chlorobenzene	20.000	20.363	-1.8	87	0.00
65	1,1,1,2-Tetrachloroethane	20.000	20.694	-3.5	91	0.00
66 M	Ethyl Benzene	20.000	20.399	-2.0	86	0.00
67 M	m/p-Xylenes	40.000	40.775	-1.9	87	0.00
68 M	o-Xylene	20.000	20.354	-1.8	87	0.00
69 M	Styrene	20.000	20.459	-2.3	88	0.00
70	Isopropylbenzene	20.000	20.521	-2.6	87	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	21.499	-7.5	90	0.00
72	1,2,3-Trichloropropane	20.000	21.413	-7.1	90	0.00
73	Bromobenzene	20.000	19.820	0.9	87	0.00
74	n-propylbenzene	20.000	21.289	-6.4	91	0.00
75	2-Chlorotoluene	20.000	20.564	-2.8	88	0.00
76	1,3,5-Trimethylbenzene	20.000	20.768	-3.8	88	0.00
77	t-1,4-Dichloro-2-butene	20.000	19.563	2.2	96	0.00
78	4-Chlorotoluene	20.000	20.946	-4.7	90	0.00
79	tert-butylbenzene	20.000	20.509	-2.5	90	0.00
80	1,2,4-Trimethylbenzene	20.000	20.602	-3.0	88	0.00
81	sec-Butylbenzene	20.000	20.969	-4.8	91	0.00
82	p-Isopropyltoluene	20.000	20.995	-5.0	91	0.00
83 M	1,3-Dichlorobenzene	20.000	20.319	-1.6	89	0.00
84 M	1,4-Dichlorobenzene	20.000	20.292	-1.5	89	0.00
85	n-Butylbenzene	20.000	20.882	-4.4	93	0.00
86 T	Hexachloroethane	20.000	21.548	-7.7	102	0.00
87 M	1,2-Dichlorobenzene	20.000	20.218	-1.1	88	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	21.806	-9.0	97	0.00
89	1,2,4-Trichlorobenzene	20.000	20.393	-2.0	92	0.00
90	Hexachlorobutadiene	20.000	20.232	-1.2	92	0.00
91 M	Naphthalene	20.000	19.927	0.4	87	0.00
92	1,2,3-Trichlorobenzene	20.000	20.041	-0.2	91	0.00

(#) = Out of Range

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