

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071122\
 Data File : VX030007.D
 Acq On : 11 Jul 2022 19:27
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC020

Quant Time: Jul 12 01:24:22 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	96	0.00
2 M	Dichlorodifluoromethane	20.000	18.844	5.8	86	0.00
3 M	Chloromethane	20.000	18.183	9.1	86	0.00
4 M	Vinyl Chloride	20.000	18.064	9.7	88	0.00
5 M	Bromomethane	20.000	18.507	7.5	77	0.00
6 M	Chloroethane	20.000	18.861	5.7	86	0.00
7 M	Trichlorofluoromethane	20.000	18.483	7.6	89	0.00
8 T	Diethyl Ether	20.000	17.653	11.7	87	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	18.128	9.4	87	0.00
10 M	1,1-Dichloroethene	20.000	18.338	8.3	88	0.00
11	Methyl Iodide	20.000	20.635	-3.2	109	0.00
12	Methyl Acetate	20.000	18.610	7.0	91	0.00
13 M	Acrolein	100.000	65.743	34.3#	67	0.00
14 M	Acrylonitrile	100.000	92.441	7.6	89	0.00
15 M	Acetone	100.000	96.166	3.8	92	0.00
16 M	Carbon Disulfide	20.000	18.591	7.0	93	0.00
17	Allyl chloride	20.000	17.854	10.7	88	0.00
18 M	Methylene Chloride	20.000	18.805	6.0	90	0.00
19 M	trans-1,2-Dichloroethene	20.000	18.463	7.7	91	0.00
20 T	Diisopropyl ether	20.000	17.607	12.0	87	0.00
21 M	1,1-Dichloroethane	20.000	17.947	10.3	87	0.00
22 M	cis-1,2-Dichloroethene	20.000	17.805	11.0	88	0.00
23 M	tert-Butyl Alcohol	100.000	97.222	2.8	99	0.00
24 M	Methyl tert-Butyl Ether	20.000	18.218	8.9	90	0.00
25 M	Chloroform	20.000	18.067	9.7	90	0.00
26	Cyclohexane	20.000	17.643	11.8	88	0.00
27 s	1,2-Dichloroethane-d4	30.000	28.258	5.8	92	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	93	0.00
29	1,1-Dichloropropene	20.000	18.188	9.1	88	0.00
30 M	2-Butanone	100.000	96.694	3.3	91	0.00
31	2,2-Dichloropropane	20.000	15.414	22.9	74	0.00
32 M	1,1,1-Trichloroethane	20.000	19.318	3.4	93	0.00
33 M	Carbon Tetrachloride	20.000	19.185	4.1	92	0.00
34 M	Benzene	20.000	18.781	6.1	87	0.00
35	Methacrylonitrile	20.000	18.809	6.0	90	0.00
36 M	1,2-Dichloroethane	20.000	18.777	6.1	89	0.00
37 M	Trichloroethene	20.000	19.228	3.9	91	0.00
38	Methylcyclohexane	20.000	17.817	10.9	85	0.00
39 M	1,2-Dichloropropane	20.000	18.551	7.2	86	0.00
40	Dibromomethane	20.000	19.401	3.0	92	0.00
41 M	Bromodichloromethane	20.000	20.071	-0.4	95	0.00
42 M	Vinyl Acetate	100.000	92.925	7.1	88	0.00
43	Ethyl Acetate	20.000	19.025	4.9	87	0.00
44	Isopropyl Acetate	20.000	18.862	5.7	90	0.00
45 T	1,4-Dioxane	400.000	400.154	-0.0	94	0.00
46	Methyl methacrylate	20.000	18.772	6.1	91	0.00
47	n-amyl Acetate	20.000	18.800	6.0	95	0.00
48 M	t-1,3-Dichloropropene	20.000	18.210	8.9	91	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	20.000	18.526	7.4	89	0.00
50 M	1,1,2-Trichloroethane	20.000	18.889	5.6	88	0.00
51	Ethyl methacrylate	20.000	18.301	8.5	89	0.00
52	1,3-Dichloropropane	20.000	19.003	5.0	89	0.00
53 M	Dibromochloromethane	20.000	20.574	-2.9	100	0.00
54 M	1,2-Dibromoethane	20.000	19.239	3.8	91	0.00
55 M	2-Chloroethyl vinyl ether	100.000	99.147	0.9	94	0.00
56 M	Bromoform	20.000	21.678	-8.4	109	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	93	0.00
58 M	4-Methyl-2-Pentanone	100.000	97.325	2.7	92	0.00
59 M	2-Hexanone	100.000	97.751	2.2	92	0.00
60 S	4-Bromofluorobenzene	30.000	29.856	0.5	97	0.00
61 M	Tetrachloroethene	20.000	20.568	-2.8	92	0.00
62 M	Toluene	20.000	19.204	4.0	90	0.00
63 S	Toluene-d8	30.000	29.945	0.2	92	0.00
64 M	Chlorobenzene	20.000	18.897	5.5	89	0.00
65	1,1,1,2-Tetrachloroethane	20.000	19.189	4.1	90	0.00
66 M	Ethyl Benzene	20.000	18.729	6.4	88	0.00
67 M	m/p-Xylenes	40.000	38.377	4.1	89	0.00
68 M	o-Xylene	20.000	19.333	3.3	89	0.00
69 M	Styrene	20.000	19.567	2.2	93	0.00
70	Isopropylbenzene	20.000	19.010	4.9	90	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	18.622	6.9	88	0.00
72	1,2,3-Trichloropropane	20.000	18.759	6.2	86	0.00
73	Bromobenzene	20.000	19.499	2.5	94	0.00
74	n-propylbenzene	20.000	18.596	7.0	89	0.00
75	2-Chlorotoluene	20.000	18.686	6.6	89	0.00
76	1,3,5-Trimethylbenzene	20.000	18.986	5.1	91	0.00
77	t-1,4-Dichloro-2-butene	20.000	18.329	8.4	93	0.00
78	4-Chlorotoluene	20.000	18.265	8.7	87	0.00
79	tert-butylbenzene	20.000	18.742	6.3	91	0.00
80	1,2,4-Trimethylbenzene	20.000	18.317	8.4	90	0.00
81	sec-Butylbenzene	20.000	18.225	8.9	88	0.00
82	p-Isopropyltoluene	20.000	18.005	10.0	87	0.00
83 M	1,3-Dichlorobenzene	20.000	18.617	6.9	90	0.00
84 M	1,4-Dichlorobenzene	20.000	18.366	8.2	89	0.00
85	n-Butylbenzene	20.000	17.529	12.4	89	0.00
86 T	Hexachloroethane	20.000	19.920	0.4	102	0.00
87 M	1,2-Dichlorobenzene	20.000	19.236	3.8	92	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	19.580	2.1	97	0.00
89	1,2,4-Trichlorobenzene	20.000	18.223	8.9	89	0.00
90	Hexachlorobutadiene	20.000	18.312	8.4	93	0.00
91 M	Naphthalene	20.000	21.623	-8.1	104	0.00
92	1,2,3-Trichlorobenzene	20.000	18.657	6.7	93	0.00

(#) = Out of Range

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