

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072622\
 Data File : VX030205.D
 Acq On : 26 Jul 2022 10:51
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC020

Quant Time: Jul 26 11:15:09 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	108	0.00
2 M	Dichlorodifluoromethane	20.000	20.819	-4.1	107	0.00
3 M	Chloromethane	20.000	18.406	8.0	98	0.00
4 M	Vinyl Chloride	20.000	17.260	13.7	94	0.00
5 M	Bromomethane	20.000	19.850	0.7	93	0.00
6 M	Chloroethane	20.000	18.899	5.5	97	0.00
7 M	Trichlorofluoromethane	20.000	19.081	4.6	104	0.00
8 T	Diethyl Ether	20.000	17.755	11.2	99	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	20.620	-3.1	112	0.00
10 M	1,1-Dichloroethene	20.000	20.076	-0.4	108	0.00
11	Methyl Iodide	20.000	24.277	-21.4	161	0.00
12	Methyl Acetate	20.000	24.600	-23.0	135	0.00
13 M	Acrolein	100.000	39.044	61.0#	45	0.00
14 M	Acrylonitrile	100.000	110.621	-10.6	119	0.00
15 M	Acetone	100.000	104.133	-4.1	112	0.00
16 M	Carbon Disulfide	20.000	19.527	2.4	109	0.00
17	Allyl chloride	20.000	22.888	-14.4	127	0.00
18 M	Methylene Chloride	20.000	20.279	-1.4	109	0.00
19 M	trans-1,2-Dichloroethene	20.000	20.278	-1.4	112	0.00
20 T	Diisopropyl ether	20.000	22.609	-13.0	126	0.00
21 M	1,1-Dichloroethane	20.000	21.763	-8.8	119	0.00
22 M	cis-1,2-Dichloroethene	20.000	19.405	3.0	107	0.00
23 M	tert-Butyl Alcohol	100.000	98.180	1.8	113	0.00
24 M	Methyl tert-Butyl Ether	20.000	21.440	-7.2	119	0.00
25 M	Chloroform	20.000	21.490	-7.4	120	0.00
26	Cyclohexane	20.000	21.130	-5.6	119	0.00
27 s	1,2-Dichloroethane-d4	30.000	33.187	-10.6	122	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	103	0.00
29	1,1-Dichloropropene	20.000	22.034	-10.2	120	0.00
30 M	2-Butanone	100.000	118.032	-18.0	123	0.00
31	2,2-Dichloropropane	20.000	23.020	-15.1	124	0.00
32 M	1,1,1-Trichloroethane	20.000	22.868	-14.3	122	0.00
33 M	Carbon Tetrachloride	20.000	22.973	-14.9	123	0.00
34 M	Benzene	20.000	21.413	-7.1	111	0.00
35	Methacrylonitrile	20.000	24.703	-23.5	132	0.00
36 M	1,2-Dichloroethane	20.000	24.100	-20.5	128	0.00
37 M	Trichloroethene	20.000	20.845	-4.2	110	0.00
38	Methylcyclohexane	20.000	21.378	-6.9	114	0.00
39 M	1,2-Dichloropropane	20.000	22.512	-12.6	117	0.00
40	Dibromomethane	20.000	21.430	-7.1	114	0.00
41 M	Bromodichloromethane	20.000	22.794	-14.0	120	0.00
42 M	Vinyl Acetate	100.000	117.381	-17.4	124	0.00
43	Ethyl Acetate	20.000	23.606	-18.0	120	0.00
44	Isopropyl Acetate	20.000	23.386	-16.9	125	0.00
45 T	1,4-Dioxane	400.000	424.540	-6.1	111	0.00
46	Methyl methacrylate	20.000	23.958	-19.8	129	0.00
47	n-amyl Acetate	20.000	21.777	-8.9	123	0.00
48 M	t-1,3-Dichloropropene	20.000	21.508	-7.5	120	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	20.000	21.700	-8.5	116	0.00
50 M	1,1,2-Trichloroethane	20.000	20.664	-3.3	108	0.00
51	Ethyl methacrylate	20.000	21.888	-9.4	118	0.00
52	1,3-Dichloropropane	20.000	21.526	-7.6	113	0.00
53 M	Dibromochloromethane	20.000	22.100	-10.5	120	0.00
54 M	1,2-Dibromoethane	20.000	21.499	-7.5	113	0.00
55 M	2-Chloroethyl vinyl ether	100.000	104.737	-4.7	111	0.00
56 M	Bromoform	20.000	20.438	-2.2	115	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	108	0.00
58 M	4-Methyl-2-Pentanone	100.000	116.068	-16.1	127	0.00
59 M	2-Hexanone	100.000	117.314	-17.3	128	0.00
60 S	4-Bromofluorobenzene	30.000	30.942	-3.1	116	0.00
61 M	Tetrachloroethene	20.000	21.412	-7.1	111	0.00
62 M	Toluene	20.000	20.563	-2.8	111	0.00
63 S	Toluene-d8	30.000	30.023	-0.1	107	0.00
64 M	Chlorobenzene	20.000	20.335	-1.7	111	0.00
65	1,1,1,2-Tetrachloroethane	20.000	21.228	-6.1	115	0.00
66 M	Ethyl Benzene	20.000	21.136	-5.7	115	0.00
67 M	m/p-Xylenes	40.000	41.744	-4.4	112	0.00
68 M	o-Xylene	20.000	20.647	-3.2	110	0.00
69 M	Styrene	20.000	20.262	-1.3	112	0.00
70	Isopropylbenzene	20.000	21.114	-5.6	116	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	20.219	-1.1	111	0.00
72	1,2,3-Trichloropropane	20.000	20.950	-4.7	110	0.00
73	Bromobenzene	20.000	20.151	-0.8	112	0.00
74	n-propylbenzene	20.000	21.480	-7.4	119	0.00
75	2-Chlorotoluene	20.000	21.516	-7.6	118	0.00
76	1,3,5-Trimethylbenzene	20.000	21.504	-7.5	120	0.00
77	t-1,4-Dichloro-2-butene	20.000	19.811	0.9	116	0.00
78	4-Chlorotoluene	20.000	21.683	-8.4	120	0.00
79	tert-butylbenzene	20.000	20.491	-2.5	115	0.00
80	1,2,4-Trimethylbenzene	20.000	20.462	-2.3	116	0.00
81	sec-Butylbenzene	20.000	20.389	-1.9	114	0.00
82	p-Isopropyltoluene	20.000	20.357	-1.8	114	0.00
83 M	1,3-Dichlorobenzene	20.000	19.749	1.3	110	0.00
84 M	1,4-Dichlorobenzene	20.000	19.599	2.0	110	0.00
85	n-Butylbenzene	20.000	20.300	-1.5	119	0.00
86 T	Hexachloroethane	20.000	20.727	-3.6	123	0.00
87 M	1,2-Dichlorobenzene	20.000	20.842	-4.2	116	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	23.844	-19.2	136	0.00
89	1,2,4-Trichlorobenzene	20.000	19.474	2.6	110	0.00
90	Hexachlorobutadiene	20.000	20.296	-1.5	119	0.00
91 M	Naphthalene	20.000	19.951	0.2	111	0.00
92	1,2,3-Trichlorobenzene	20.000	19.780	1.1	114	0.00

(#) = Out of Range

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