

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071122\
 Data File : VX029986.D
 Acq On : 11 Jul 2022 09:52
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC020

Quant Time: Jul 12 01:22:12 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	97	0.00
2 M	Dichlorodifluoromethane	20.000	20.460	-2.3	95	0.00
3 M	Chloromethane	20.000	19.164	4.2	92	0.00
4 M	Vinyl Chloride	20.000	18.279	8.6	90	0.00
5 M	Bromomethane	20.000	17.915	10.4	76	0.00
6 M	Chloroethane	20.000	17.792	11.0	82	0.00
7 M	Trichlorofluoromethane	20.000	19.713	1.4	96	0.00
8 T	Diethyl Ether	20.000	18.383	8.1	92	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	19.945	0.3	97	0.00
10 M	1,1-Dichloroethene	20.000	18.952	5.2	92	0.00
11	Methyl Iodide	20.000	18.195	9.0	88	0.00
12	Methyl Acetate	20.000	17.919	10.4	89	0.00
13 M	Acrolein	100.000	61.904	38.1#	64	0.00
14 M	Acrylonitrile	100.000	89.236	10.8	86	0.00
15 M	Acetone	100.000	101.370	-1.4	98	0.00
16 M	Carbon Disulfide	20.000	20.718	-3.6	104	0.00
17	Allyl chloride	20.000	18.864	5.7	94	0.00
18 M	Methylene Chloride	20.000	18.792	6.0	90	0.00
19 M	trans-1,2-Dichloroethene	20.000	18.836	5.8	94	0.00
20 T	Diisopropyl ether	20.000	17.843	10.8	89	0.00
21 M	1,1-Dichloroethane	20.000	18.767	6.2	92	0.00
22 M	cis-1,2-Dichloroethene	20.000	18.904	5.5	94	0.00
23 M	tert-Butyl Alcohol	100.000	72.881	27.1#	75	0.00
24 M	Methyl tert-Butyl Ether	20.000	18.565	7.2	92	0.00
25 M	Chloroform	20.000	18.752	6.2	94	0.00
26	Cyclohexane	20.000	19.174	4.1	97	0.00
27 s	1,2-Dichloroethane-d4	30.000	27.646	7.8	91	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	95	-0.01
29	1,1-Dichloropropene	20.000	18.912	5.4	94	0.00
30 M	2-Butanone	100.000	92.649	7.4	89	0.00
31	2,2-Dichloropropane	20.000	20.013	-0.1	99	0.00
32 M	1,1,1-Trichloroethane	20.000	20.042	-0.2	99	0.00
33 M	Carbon Tetrachloride	20.000	21.366	-6.8	105	0.00
34 M	Benzene	20.000	18.924	5.4	90	0.00
35	Methacrylonitrile	20.000	18.718	6.4	92	0.00
36 M	1,2-Dichloroethane	20.000	18.634	6.8	91	0.00
37 M	Trichloroethene	20.000	19.536	2.3	95	0.00
38	Methylcyclohexane	20.000	19.383	3.1	95	0.00
39 M	1,2-Dichloropropane	20.000	18.968	5.2	91	0.00
40	Dibromomethane	20.000	19.478	2.6	95	0.00
41 M	Bromodichloromethane	20.000	20.580	-2.9	100	0.00
42 M	Vinyl Acetate	100.000	90.681	9.3	88	0.00
43	Ethyl Acetate	20.000	17.989	10.1	84	0.00
44	Isopropyl Acetate	20.000	18.111	9.4	89	0.00
45 T	1,4-Dioxane	400.000	356.199	11.0	86	0.01
46	Methyl methacrylate	20.000	17.944	10.3	89	0.00
47	n-amyl Acetate	20.000	16.948	15.3	88	0.00
48 M	t-1,3-Dichloropropene	20.000	19.473	2.6	100	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	20.000	19.527	2.4	96	0.00
50 M	1,1,2-Trichloroethane	20.000	19.006	5.0	91	0.00
51	Ethyl methacrylate	20.000	18.047	9.8	90	0.00
52	1,3-Dichloropropane	20.000	19.035	4.8	92	0.00
53 M	Dibromochloromethane	20.000	22.200	-11.0	111	0.00
54 M	1,2-Dibromoethane	20.000	19.319	3.4	93	0.00
55 M	2-Chloroethyl vinyl ether	100.000	88.020	12.0	86	0.00
56 M	Bromoform	20.000	23.469	-17.3	121	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	94	0.00
58 M	4-Methyl-2-Pentanone	100.000	92.796	7.2	88	0.00
59 M	2-Hexanone	100.000	91.722	8.3	87	0.00
60 S	4-Bromofluorobenzene	30.000	29.497	1.7	96	0.00
61 M	Tetrachloroethene	20.000	21.365	-6.8	97	0.00
62 M	Toluene	20.000	19.555	2.2	92	0.00
63 S	Toluene-d8	30.000	29.924	0.3	93	0.00
64 M	Chlorobenzene	20.000	20.230	-1.2	96	0.00
65	1,1,1,2-Tetrachloroethane	20.000	21.455	-7.3	101	0.00
66 M	Ethyl Benzene	20.000	19.853	0.7	94	0.00
67 M	m/p-Xylenes	40.000	40.485	-1.2	95	0.00
68 M	o-Xylene	20.000	19.750	1.3	92	0.00
69 M	Styrene	20.000	19.930	0.4	96	0.00
70	Isopropylbenzene	20.000	20.042	-0.2	96	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	19.086	4.6	91	0.00
72	1,2,3-Trichloropropane	20.000	17.436	12.8	80	0.00
73	Bromobenzene	20.000	20.972	-4.9	102	0.00
74	n-propylbenzene	20.000	20.408	-2.0	99	0.00
75	2-Chlorotoluene	20.000	19.852	0.7	95	0.00
76	1,3,5-Trimethylbenzene	20.000	19.840	0.8	96	0.00
77	t-1,4-Dichloro-2-butene	20.000	21.969	-9.8	112	0.00
78	4-Chlorotoluene	20.000	19.880	0.6	96	0.00
79	tert-butylbenzene	20.000	19.521	2.4	96	0.00
80	1,2,4-Trimethylbenzene	20.000	19.219	3.9	95	0.00
81	sec-Butylbenzene	20.000	19.488	2.6	95	0.00
82	p-Isopropyltoluene	20.000	19.363	3.2	94	0.00
83 M	1,3-Dichlorobenzene	20.000	19.723	1.4	96	0.00
84 M	1,4-Dichlorobenzene	20.000	20.555	-2.8	100	0.00
85	n-Butylbenzene	20.000	18.911	5.4	97	0.00
86 T	Hexachloroethane	20.000	22.418	-12.1	116	0.00
87 M	1,2-Dichlorobenzene	20.000	19.717	1.4	95	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	18.281	8.6	91	0.00
89	1,2,4-Trichlorobenzene	20.000	20.241	-1.2	100	0.00
90	Hexachlorobutadiene	20.000	21.286	-6.4	109	0.00
91 M	Naphthalene	20.000	19.256	3.7	94	0.00
92	1,2,3-Trichlorobenzene	20.000	21.153	-5.8	106	0.00

(#) = Out of Range

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