

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072921\
 Data File : VX023504.D
 Acq On : 28 Jul 2021 20:53
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC020

Quant Time: Jul 29 03:17:34 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X072921W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Jul 29 03:13:17 2021
 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	92	0.00
2 M	Dichlorodifluoromethane	20.000	18.084	9.6	94	0.00
3 M	Chloromethane	20.000	17.965	10.2	93	0.00
4 M	Vinyl Chloride	20.000	17.980	10.1	94	0.00
5 M	Bromomethane	20.000	21.141	-5.7	97	0.00
6 M	Chloroethane	20.000	17.636	11.8	91	0.00
7 M	Trichlorofluoromethane	20.000	18.076	9.6	96	0.00
8 T	Diethyl Ether	20.000	17.927	10.4	95	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	17.854	10.7	93	0.00
10 M	1,1-Dichloroethene	20.000	17.642	11.8	94	0.00
11	Methyl Iodide	20.000	17.144	14.3	97	0.00
12	Methyl Acetate	20.000	18.252	8.7	94	0.00
13 M	Acrolein	100.000	83.557	16.4	91	0.00
14 M	Acrylonitrile	100.000	90.444	9.6	93	0.00
15 M	Acetone	100.000	90.420	9.6	87	0.00
16 M	Carbon Disulfide	20.000	17.378	13.1	99	0.00
17	Allyl chloride	20.000	17.451	12.7	92	0.00
18 M	Methylene Chloride	20.000	18.127	9.4	93	0.00
19 M	trans-1,2-Dichloroethene	20.000	18.106	9.5	95	0.00
20 T	Diisopropyl ether	20.000	17.836	10.8	93	0.00
21 M	1,1-Dichloroethane	20.000	18.042	9.8	95	0.00
22 M	cis-1,2-Dichloroethene	20.000	17.611	11.9	91	0.00
23 M	tert-Butyl Alcohol	100.000	95.695	4.3	98	0.00
24 M	Methyl tert-Butyl Ether	20.000	17.841	10.8	95	0.00
25 M	Chloroform	20.000	17.859	10.7	94	0.00
26	Cyclohexane	20.000	17.664	11.7	93	0.00
27 s	1,2-Dichloroethane-d4	30.000	29.986	0.0	93	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	93	0.00
29	1,1-Dichloropropene	20.000	18.087	9.6	93	0.00
30 M	2-Butanone	100.000	89.578	10.4	91	0.00
31	2,2-Dichloropropane	20.000	15.464	22.7	82	0.00
32 M	1,1,1-Trichloroethane	20.000	17.627	11.9	93	0.00
33 M	Carbon Tetrachloride	20.000	17.348	13.3	95	0.00
34 M	Benzene	20.000	18.208	9.0	95	0.00
35	Methacrylonitrile	20.000	18.028	9.9	95	0.00
36 M	1,2-Dichloroethane	20.000	17.992	10.0	94	0.00
37 M	Trichloroethene	20.000	17.927	10.4	94	0.00
38	Methylcyclohexane	20.000	17.258	13.7	92	0.00
39 M	1,2-Dichloropropane	20.000	18.132	9.3	96	0.00
40	Dibromomethane	20.000	17.919	10.4	95	0.00
41 M	Bromodichloromethane	20.000	17.382	13.1	96	0.00
42 M	Vinyl Acetate	100.000	90.422	9.6	94	0.00
43	Ethyl Acetate	20.000	17.403	13.0	91	0.00
44	Isopropyl Acetate	20.000	17.812	10.9	94	0.00
45 T	1,4-Dioxane	400.000	390.275	2.4	98	0.00
46	Methyl methacrylate	20.000	17.769	11.2	95	0.00
47	n-amyl Acetate	20.000	17.865	10.7	96	0.00
48 M	t-1,3-Dichloropropene	20.000	16.124	19.4	90	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	20.000	16.832	15.8	93	0.00
50 M	1,1,2-Trichloroethane	20.000	17.618	11.9	92	0.00
51	Ethyl methacrylate	20.000	17.153	14.2	93	0.00
52	1,3-Dichloropropane	20.000	17.881	10.6	92	0.00
53 M	Dibromochloromethane	20.000	16.932	15.3	97	0.00
54 M	1,2-Dibromoethane	20.000	17.580	12.1	94	0.00
55 M	2-Chloroethyl vinyl ether	100.000	90.994	9.0	94	0.00
56 M	Bromoform	20.000	16.486	17.6	96	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	95	0.00
58 M	4-Methyl-2-Pentanone	100.000	93.460	6.5	94	0.00
59 M	2-Hexanone	100.000	93.721	6.3	94	0.00
60 S	4-Bromofluorobenzene	30.000	29.906	0.3	95	0.00
61 M	Tetrachloroethene	20.000	18.211	8.9	95	0.00
62 M	Toluene	20.000	18.034	9.8	95	0.00
63 S	Toluene-d8	30.000	30.421	-1.4	94	0.00
64 M	Chlorobenzene	20.000	17.867	10.7	94	0.00
65	1,1,1,2-Tetrachloroethane	20.000	17.780	11.1	95	0.00
66 M	Ethyl Benzene	20.000	17.914	10.4	95	0.00
67 M	m/p-Xylenes	40.000	36.107	9.7	97	0.00
68 M	o-Xylene	20.000	18.334	8.3	99	0.00
69 M	Styrene	20.000	17.871	10.6	96	0.00
70	Isopropylbenzene	20.000	18.135	9.3	96	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	19.620	1.9	101	0.00
72	1,2,3-Trichloropropane	20.000	19.112	4.4	98	0.00
73	Bromobenzene	20.000	18.132	9.3	96	0.00
74	n-propylbenzene	20.000	17.964	10.2	97	0.00
75	2-Chlorotoluene	20.000	18.132	9.3	97	0.00
76	1,3,5-Trimethylbenzene	20.000	17.989	10.1	96	0.00
77	t-1,4-Dichloro-2-butene	20.000	15.713	21.4	90	0.00
78	4-Chlorotoluene	20.000	17.799	11.0	96	0.00
79	tert-butylbenzene	20.000	18.210	8.9	99	0.00
80	1,2,4-Trimethylbenzene	20.000	18.025	9.9	96	0.00
81	sec-Butylbenzene	20.000	17.963	10.2	97	0.00
82	p-Isopropyltoluene	20.000	17.834	10.8	96	0.00
83 M	1,3-Dichlorobenzene	20.000	18.393	8.0	100	0.00
84 M	1,4-Dichlorobenzene	20.000	18.047	9.8	97	0.00
85	n-Butylbenzene	20.000	17.282	13.6	96	0.00
86 T	Hexachloroethane	20.000	17.382	13.1	102	0.00
87 M	1,2-Dichlorobenzene	20.000	19.125	4.4	101	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	17.278	13.6	99	0.00
89	1,2,4-Trichlorobenzene	20.000	17.713	11.4	98	0.00
90	Hexachlorobutadiene	20.000	18.009	10.0	97	0.00
91 M	Naphthalene	20.000	17.957	10.2	97	0.00
92	1,2,3-Trichlorobenzene	20.000	17.648	11.8	97	0.00

(#) = Out of Range

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