

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070822\
 Data File : VX029984.D
 Acq On : 08 Jul 2022 19:35
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC020

Quant Time: Jul 09 02:21:28 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	98	0.00
2 M	Dichlorodifluoromethane	20.000	19.693	1.5	92	0.00
3 M	Chloromethane	20.000	18.613	6.9	90	0.00
4 M	Vinyl Chloride	20.000	18.615	6.9	92	0.00
5 M	Bromomethane	20.000	15.928	20.4	68	0.00
6 M	Chloroethane	20.000	19.886	0.6	93	0.00
7 M	Trichlorofluoromethane	20.000	19.291	3.5	95	0.00
8 T	Diethyl Ether	20.000	18.861	5.7	95	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	19.031	4.8	93	0.00
10 M	1,1-Dichloroethene	20.000	19.214	3.9	94	0.00
11	Methyl Iodide	20.000	16.376	18.1	71	0.00
12	Methyl Acetate	20.000	19.738	1.3	98	0.00
13 M	Acrolein	100.000	66.454	33.5#	69	0.00
14 M	Acrylonitrile	100.000	98.915	1.1	97	0.00
15 M	Acetone	100.000	99.414	0.6	97	0.00
16 M	Carbon Disulfide	20.000	18.539	7.3	94	0.00
17	Allyl chloride	20.000	18.332	8.3	92	0.00
18 M	Methylene Chloride	20.000	18.968	5.2	92	0.00
19 M	trans-1,2-Dichloroethene	20.000	18.753	6.2	94	0.00
20 T	Diisopropyl ether	20.000	19.021	4.9	96	0.00
21 M	1,1-Dichloroethane	20.000	18.867	5.7	93	0.00
22 M	cis-1,2-Dichloroethene	20.000	18.883	5.6	95	0.00
23 M	tert-Butyl Alcohol	100.000	98.011	2.0	102	0.00
24 M	Methyl tert-Butyl Ether	20.000	19.059	4.7	96	0.00
25 M	Chloroform	20.000	19.181	4.1	97	0.00
26	Cyclohexane	20.000	18.778	6.1	96	0.00
27 s	1,2-Dichloroethane-d4	30.000	28.159	6.1	94	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	92	0.00
29	1,1-Dichloropropene	20.000	20.288	-1.4	99	0.00
30 M	2-Butanone	100.000	103.038	-3.0	96	0.00
31	2,2-Dichloropropane	20.000	16.121	19.4	78	0.00
32 M	1,1,1-Trichloroethane	20.000	19.938	0.3	95	0.00
33 M	Carbon Tetrachloride	20.000	19.955	0.2	96	0.00
34 M	Benzene	20.000	20.266	-1.3	94	0.00
35	Methacrylonitrile	20.000	20.266	-1.3	97	0.00
36 M	1,2-Dichloroethane	20.000	20.005	-0.0	95	0.00
37 M	Trichloroethene	20.000	20.280	-1.4	96	0.00
38	Methylcyclohexane	20.000	20.025	-0.1	96	0.00
39 M	1,2-Dichloropropane	20.000	19.885	0.6	93	0.00
40	Dibromomethane	20.000	20.533	-2.7	97	0.00
41 M	Bromodichloromethane	20.000	19.692	1.5	93	0.00
42 M	Vinyl Acetate	100.000	100.069	-0.1	94	0.00
43	Ethyl Acetate	20.000	20.578	-2.9	94	0.00
44	Isopropyl Acetate	20.000	20.211	-1.1	97	0.00
45 T	1,4-Dioxane	400.000	414.913	-3.7	97	0.00
46	Methyl methacrylate	20.000	20.098	-0.5	97	0.00
47	n-amyl Acetate	20.000	19.007	5.0	96	0.00
48 M	t-1,3-Dichloropropene	20.000	18.456	7.7	92	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	20.000	18.998	5.0	91	0.00
50 M	1,1,2-Trichloroethane	20.000	19.934	0.3	93	0.00
51	Ethyl methacrylate	20.000	19.712	1.4	95	0.00
52	1,3-Dichloropropane	20.000	20.538	-2.7	96	0.00
53 M	Dibromochloromethane	20.000	19.585	2.1	95	0.00
54 M	1,2-Dibromoethane	20.000	20.206	-1.0	95	0.00
55 M	2-Chloroethyl vinyl ether	100.000	100.343	-0.3	95	0.00
56 M	Bromoform	20.000	19.005	5.0	95	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	95	0.00
58 M	4-Methyl-2-Pentanone	100.000	101.843	-1.8	98	0.00
59 M	2-Hexanone	100.000	101.693	-1.7	98	0.00
60 S	4-Bromofluorobenzene	30.000	28.844	3.9	95	0.00
61 M	Tetrachloroethene	20.000	20.399	-2.0	93	0.00
62 M	Toluene	20.000	19.569	2.2	93	0.00
63 S	Toluene-d8	30.000	29.745	0.8	93	0.00
64 M	Chlorobenzene	20.000	19.991	0.0	97	0.00
65	1,1,1,2-Tetrachloroethane	20.000	19.202	4.0	92	0.00
66 M	Ethyl Benzene	20.000	19.949	0.3	96	0.00
67 M	m/p-Xylenes	40.000	40.331	-0.8	96	0.00
68 M	o-Xylene	20.000	20.120	-0.6	95	0.00
69 M	Styrene	20.000	19.985	0.1	97	0.00
70	Isopropylbenzene	20.000	19.845	0.8	96	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	19.618	1.9	95	0.00
72	1,2,3-Trichloropropane	20.000	19.438	2.8	91	0.00
73	Bromobenzene	20.000	19.571	2.1	96	0.00
74	n-propylbenzene	20.000	19.563	2.2	96	0.00
75	2-Chlorotoluene	20.000	19.342	3.3	94	0.00
76	1,3,5-Trimethylbenzene	20.000	19.831	0.8	97	0.00
77	t-1,4-Dichloro-2-butene	20.000	16.651	16.7	86	0.00
78	4-Chlorotoluene	20.000	19.167	4.2	94	0.00
79	tert-butylbenzene	20.000	19.457	2.7	96	0.00
80	1,2,4-Trimethylbenzene	20.000	18.776	6.1	94	0.00
81	sec-Butylbenzene	20.000	18.816	5.9	93	0.00
82	p-Isopropyltoluene	20.000	19.007	5.0	94	0.00
83 M	1,3-Dichlorobenzene	20.000	19.133	4.3	94	0.00
84 M	1,4-Dichlorobenzene	20.000	18.753	6.2	93	0.00
85	n-Butylbenzene	20.000	17.569	12.2	91	0.00
86 T	Hexachloroethane	20.000	17.316	13.4	91	0.00
87 M	1,2-Dichlorobenzene	20.000	19.609	2.0	96	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	17.761	11.2	90	0.00
89	1,2,4-Trichlorobenzene	20.000	18.771	6.1	94	0.00
90	Hexachlorobutadiene	20.000	18.791	6.0	97	0.00
91 M	Naphthalene	20.000	18.905	5.5	93	0.00
92	1,2,3-Trichlorobenzene	20.000	19.433	2.8	99	0.00

(#) = Out of Range

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