

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021822\
 Data File : VX027124.D
 Acq On : 18 Feb 2022 20:44
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC020

Quant Time: Feb 21 00:21:57 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X021822W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Feb 18 05:14:00 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	100	0.00
2 M	Dichlorodifluoromethane	20.000	18.355	8.2	87	0.00
3 M	Chloromethane	20.000	17.571	12.1	83	0.00
4 M	Vinyl Chloride	20.000	18.223	8.9	89	0.00
5 M	Bromomethane	20.000	24.902	-24.5	98	0.00
6 M	Chloroethane	20.000	18.644	6.8	88	0.00
7 M	Trichlorofluoromethane	20.000	18.949	5.3	93	0.00
8 T	Diethyl Ether	20.000	18.488	7.6	91	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	18.674	6.6	91	0.00
10 M	1,1-Dichloroethene	20.000	18.516	7.4	90	0.00
11	Methyl Iodide	20.000	17.672	11.6	91	0.00
12	Methyl Acetate	20.000	17.768	11.2	86	0.00
13 M	Acrolein	100.000	87.636	12.4	103	0.00
14 M	Acrylonitrile	100.000	89.105	10.9	85	0.00
15 M	Acetone	100.000	85.693	14.3	80	0.00
16 M	Carbon Disulfide	20.000	17.484	12.6	87	0.00
17	Allyl chloride	20.000	17.611	11.9	88	0.00
18 M	Methylene Chloride	20.000	18.247	8.8	89	0.00
19 M	trans-1,2-Dichloroethene	20.000	18.947	5.3	93	0.00
20 T	Diisopropyl ether	20.000	18.583	7.1	89	0.00
21 M	1,1-Dichloroethane	20.000	18.307	8.5	89	0.00
22 M	cis-1,2-Dichloroethene	20.000	18.623	6.9	91	0.00
23 M	tert-Butyl Alcohol	100.000	75.573	24.4	74	0.00
24 M	Methyl tert-Butyl Ether	20.000	18.363	8.2	90	0.00
25 M	Chloroform	20.000	18.309	8.5	89	0.00
26	Cyclohexane	20.000	18.789	6.1	91	0.00
27 s	1,2-Dichloroethane-d4	30.000	29.757	0.8	100	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	103	0.00
29	1,1-Dichloropropene	20.000	17.626	11.9	88	0.00
30 M	2-Butanone	100.000	86.405	13.6	84	0.00
31	2,2-Dichloropropane	20.000	17.507	12.5	91	0.00
32 M	1,1,1-Trichloroethane	20.000	17.682	11.6	89	0.00
33 M	Carbon Tetrachloride	20.000	17.366	13.2	89	-0.01
34 M	Benzene	20.000	18.140	9.3	90	0.00
35	Methacrylonitrile	20.000	17.871	10.6	89	0.00
36 M	1,2-Dichloroethane	20.000	18.089	9.6	90	0.00
37 M	Trichloroethene	20.000	18.240	8.8	91	0.00
38	Methylcyclohexane	20.000	18.087	9.6	90	0.00
39 M	1,2-Dichloropropane	20.000	17.579	12.1	87	0.00
40	Dibromomethane	20.000	17.677	11.6	88	0.00
41 M	Bromodichloromethane	20.000	17.093	14.5	86	0.00
42 M	Vinyl Acetate	100.000	87.710	12.3	87	0.00
43	Ethyl Acetate	20.000	17.673	11.6	86	0.00
44	Isopropyl Acetate	20.000	17.272	13.6	86	0.00
45 T	1,4-Dioxane	400.000	317.381	20.7	76	0.00
46	Methyl methacrylate	20.000	17.338	13.3	86	0.00
47	n-amyl Acetate	20.000	16.201	19.0	81	0.00
48 M	t-1,3-Dichloropropene	20.000	16.506	17.5	87	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	20.000	17.054	14.7	87	0.00
50 M	1,1,2-Trichloroethane	20.000	18.064	9.7	86	0.00
51	Ethyl methacrylate	20.000	17.349	13.3	86	0.00
52	1,3-Dichloropropane	20.000	17.750	11.3	87	0.00
53 M	Dibromochloromethane	20.000	16.013	19.9	81	0.00
54 M	1,2-Dibromoethane	20.000	17.395	13.0	87	0.00
55 M	2-Chloroethyl vinyl ether	100.000	89.452	10.5	101	0.00
56 M	Bromoform	20.000	15.231	23.8	80	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	102	0.00
58 M	4-Methyl-2-Pentanone	100.000	88.046	12.0	84	0.00
59 M	2-Hexanone	100.000	85.689	14.3	82	0.00
60 S	4-Bromofluorobenzene	30.000	29.651	1.2	101	0.00
61 M	Tetrachloroethene	20.000	18.103	9.5	87	0.00
62 M	Toluene	20.000	18.388	8.1	89	0.00
63 S	Toluene-d8	30.000	29.872	0.4	100	0.00
64 M	Chlorobenzene	20.000	18.118	9.4	90	0.00
65	1,1,1,2-Tetrachloroethane	20.000	17.325	13.4	88	0.00
66 M	Ethyl Benzene	20.000	18.155	9.2	89	0.00
67 M	m/p-Xylenes	40.000	36.631	8.4	89	0.00
68 M	o-Xylene	20.000	18.326	8.4	89	0.00
69 M	Styrene	20.000	17.907	10.5	88	0.00
70	Isopropylbenzene	20.000	18.241	8.8	88	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	17.428	12.9	84	0.00
72	1,2,3-Trichloropropane	20.000	17.197	14.0	84	0.00
73	Bromobenzene	20.000	18.039	9.8	88	0.00
74	n-propylbenzene	20.000	18.187	9.1	90	0.00
75	2-Chlorotoluene	20.000	17.749	11.3	87	0.00
76	1,3,5-Trimethylbenzene	20.000	18.144	9.3	88	0.00
77	t-1,4-Dichloro-2-butene	20.000	14.193	29.0#	76	0.00
78	4-Chlorotoluene	20.000	17.826	10.9	87	0.00
79	tert-butylbenzene	20.000	17.747	11.3	89	0.00
80	1,2,4-Trimethylbenzene	20.000	17.988	10.1	88	0.00
81	sec-Butylbenzene	20.000	17.893	10.5	88	0.00
82	p-Isopropyltoluene	20.000	18.152	9.2	90	0.00
83 M	1,3-Dichlorobenzene	20.000	17.897	10.5	89	0.00
84 M	1,4-Dichlorobenzene	20.000	17.661	11.7	87	0.00
85	n-Butylbenzene	20.000	17.718	11.4	90	0.00
86 T	Hexachloroethane	20.000	15.161	24.2	80	0.00
87 M	1,2-Dichlorobenzene	20.000	17.959	10.2	87	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	15.339	23.3	78	0.00
89	1,2,4-Trichlorobenzene	20.000	17.949	10.3	92	0.00
90	Hexachlorobutadiene	20.000	18.165	9.2	93	0.00
91 M	Naphthalene	20.000	18.108	9.5	91	0.00
92	1,2,3-Trichlorobenzene	20.000	18.309	8.5	94	0.00

(#) = Out of Range

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