

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021022\
 Data File : VX026937.D
 Acq On : 10 Feb 2022 21:46
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC020

Quant Time: Feb 11 03:42:06 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X011022W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Mon Jan 10 12:50:55 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	73	0.00
2 M	Dichlorodifluoromethane	20.000	17.552	12.2	53	0.00
3 M	Chloromethane	20.000	18.823	5.9	60	0.00
4 M	Vinyl Chloride	20.000	17.792	11.0	57	0.00
5 M	Bromomethane	20.000	18.281	8.6	57	0.00
6 M	Chloroethane	20.000	19.543	2.3	61	0.00
7 M	Trichlorofluoromethane	20.000	16.794	16.0	53	0.00
8 T	Diethyl Ether	20.000	17.493	12.5	57	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	17.707	11.5	56	0.00
10 M	1,1-Dichloroethene	20.000	18.289	8.6	59	0.00
11	Methyl Iodide	20.000	20.929	-4.6	74	0.00
12	Methyl Acetate	20.000	20.062	-0.3	66	0.00
13 M	Acrolein	100.000	102.503	-2.5	83	0.00
14 M	Acrylonitrile	100.000	103.764	-3.8	67	0.00
15 M	Acetone	100.000	87.584	12.4	53	0.00
16 M	Carbon Disulfide	20.000	16.671	16.6	55	0.00
17	Allyl chloride	20.000	17.443	12.8	58	0.00
18 M	Methylene Chloride	20.000	18.981	5.1	62	0.00
19 M	trans-1,2-Dichloroethene	20.000	18.009	10.0	59	0.00
20 T	Diisopropyl ether	20.000	18.230	8.8	58	0.00
21 M	1,1-Dichloroethane	20.000	17.957	10.2	58	0.00
22 M	cis-1,2-Dichloroethene	20.000	18.443	7.8	61	0.00
23 M	tert-Butyl Alcohol	100.000	89.190	10.8	63	-0.01
24 M	Methyl tert-Butyl Ether	20.000	17.465	12.7	57	0.00
25 M	Chloroform	20.000	17.854	10.7	57	0.00
26	Cyclohexane	20.000	17.616	11.9	56	0.01
27 s	1,2-Dichloroethane-d4	30.000	28.096	6.3	67	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	72	0.00
29	1,1-Dichloropropene	20.000	17.262	13.7	57	0.00
30 M	2-Butanone	100.000	90.249	9.8	57	0.00
31	2,2-Dichloropropane	20.000	14.367	28.2#	48	0.00
32 M	1,1,1-Trichloroethane	20.000	16.736	16.3	55	0.00
33 M	Carbon Tetrachloride	20.000	16.618	16.9	55	0.00
34 M	Benzene	20.000	18.473	7.6	60	0.00
35	Methacrylonitrile	20.000	18.685	6.6	61	0.00
36 M	1,2-Dichloroethane	20.000	17.235	13.8	57	0.00
37 M	Trichloroethene	20.000	18.754	6.2	62	0.00
38	Methylcyclohexane	20.000	17.295	13.5	56	0.00
39 M	1,2-Dichloropropane	20.000	18.283	8.6	60	0.00
40	Dibromomethane	20.000	18.839	5.8	62	0.00
41 M	Bromodichloromethane	20.000	17.358	13.2	57	0.00
42 M	Vinyl Acetate	100.000	89.029	11.0	58	0.00
43	Ethyl Acetate	20.000	19.208	4.0	63	0.00
44	Isopropyl Acetate	20.000	18.114	9.4	60	0.00
45 T	1,4-Dioxane	400.000	394.968	1.3	65	0.00
46	Methyl methacrylate	20.000	18.191	9.0	59	0.00
47	n-amyl Acetate	20.000	18.747	6.3	61	0.00
48 M	t-1,3-Dichloropropene	20.000	16.660	16.7	56	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	20.000	17.255	13.7	58	0.00
50 M	1,1,2-Trichloroethane	20.000	19.488	2.6	63	0.00
51	Ethyl methacrylate	20.000	19.304	3.5	63	0.00
52	1,3-Dichloropropane	20.000	19.411	2.9	63	0.00
53 M	Dibromochloromethane	20.000	18.425	7.9	60	0.00
54 M	1,2-Dibromoethane	20.000	19.229	3.9	63	0.00
55 M	2-Chloroethyl vinyl ether	100.000	89.777	10.2	62	0.00
56 M	Bromoform	20.000	18.190	9.0	62	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	77	0.00
58 M	4-Methyl-2-Pentanone	100.000	96.077	3.9	65	0.00
59 M	2-Hexanone	100.000	92.926	7.1	61	0.00
60 S	4-Bromofluorobenzene	30.000	29.217	2.6	75	0.00
61 M	Tetrachloroethene	20.000	18.518	7.4	63	0.00
62 M	Toluene	20.000	17.947	10.3	62	0.00
63 S	Toluene-d8	30.000	28.950	3.5	74	0.00
64 M	Chlorobenzene	20.000	18.698	6.5	64	0.00
65	1,1,1,2-Tetrachloroethane	20.000	18.310	8.5	63	0.00
66 M	Ethyl Benzene	20.000	18.060	9.7	62	0.00
67 M	m/p-Xylenes	40.000	37.055	7.4	64	0.00
68 M	o-Xylene	20.000	18.745	6.3	64	0.00
69 M	Styrene	20.000	18.762	6.2	66	0.00
70	Isopropylbenzene	20.000	18.575	7.1	63	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	18.822	5.9	66	0.00
72	1,2,3-Trichloropropane	20.000	19.159	4.2	66	0.00
73	Bromobenzene	20.000	18.878	5.6	65	0.00
74	n-propylbenzene	20.000	18.003	10.0	62	0.00
75	2-Chlorotoluene	20.000	18.399	8.0	64	0.00
76	1,3,5-Trimethylbenzene	20.000	18.289	8.6	63	0.00
77	t-1,4-Dichloro-2-butene	20.000	15.850	20.8	60	0.00
78	4-Chlorotoluene	20.000	18.025	9.9	62	0.00
79	tert-butylbenzene	20.000	18.412	7.9	63	0.00
80	1,2,4-Trimethylbenzene	20.000	18.212	8.9	62	0.00
81	sec-Butylbenzene	20.000	18.305	8.5	63	0.00
82	p-Isopropyltoluene	20.000	17.975	10.1	62	0.00
83 M	1,3-Dichlorobenzene	20.000	18.610	7.0	66	0.00
84 M	1,4-Dichlorobenzene	20.000	18.622	6.9	65	0.00
85	n-Butylbenzene	20.000	17.032	14.8	60	0.00
86 T	Hexachloroethane	20.000	17.193	14.0	61	0.00
87 M	1,2-Dichlorobenzene	20.000	18.705	6.5	65	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	16.146	19.3	58	0.00
89	1,2,4-Trichlorobenzene	20.000	17.258	13.7	63	0.00
90	Hexachlorobutadiene	20.000	16.358	18.2	58	0.00
91 M	Naphthalene	20.000	17.847	10.8	64	0.00
92	1,2,3-Trichlorobenzene	20.000	17.570	12.1	63	0.00

(#) = Out of Range

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