

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032322\
 Data File : VN071509.D
 Acq On : 23 Mar 2022 17:31
 Operator : JC\MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC020

Quant Time: Mar 24 02:47:32 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N031722W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Mar 17 06:37:08 2022
 Response via : Initial Calibration

Min. RRF : 0.050 Min. Rel. Area : 20% Max. R.T. Dev 0.50min
 Max. RRF Dev : 30% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1 I	Bromochloromethane	30.000	30.000	0.0	101	0.00
2 M	Dichlorodifluoromethane	20.000	16.362	18.2	81	0.00
3 M	Chloromethane	20.000	14.869	25.7	74	0.00
4 M	Vinyl Chloride	20.000	17.945	10.3	90	0.00
5 M	Bromomethane	20.000	23.678	-18.4	110	0.00
6 M	Chloroethane	20.000	19.355	3.2	95	0.00
7 M	Trichlorofluoromethane	20.000	16.321	18.4	82	0.00
8 T	Diethyl Ether	20.000	17.473	12.6	92	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	17.303	13.5	88	0.00
10 M	1,1-Dichloroethene	20.000	17.195	14.0	88	0.00
11	Methyl Iodide	20.000	18.200	9.0	96	0.00
12	Methyl Acetate	20.000	14.749	26.3	76	0.00
13 M	Acrolein	100.000	63.872	36.1#	65	0.00
14 M	Acrylonitrile	100.000	79.730	20.3	82	0.00
15 M	Acetone	100.000	82.228	17.8	85	0.00
16 M	Carbon Disulfide	20.000	15.902	20.5	84	0.00
17	Allyl chloride	20.000	13.683	31.6#	70	0.00
18 M	Methylene Chloride	20.000	18.657	6.7	95	0.00
19 M	trans-1,2-Dichloroethene	20.000	17.725	11.4	92	0.00
20 T	Diisopropyl ether	20.000	15.236	23.8	80	0.00
21 M	1,1-Dichloroethane	20.000	16.335	18.3	82	0.00
22 M	cis-1,2-Dichloroethene	20.000	18.538	7.3	96	0.00
23 M	tert-Butyl Alcohol	100.000	77.826	22.2	82	-0.01
24 M	Methyl tert-Butyl Ether	20.000	17.737	11.3	91	0.00
25 M	Chloroform	20.000	17.409	13.0	88	0.00
26	Cyclohexane	20.000	14.749	26.3	76	0.00
27 s	1,2-Dichloroethane-d4	30.000	27.201	9.3	91	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	95	0.00
29	1,1-Dichloropropene	20.000	17.383	13.1	84	0.00
30 M	2-Butanone	100.000	80.052	19.9	78	0.00
31	2,2-Dichloropropane	20.000	20.967	-4.8	100	0.00
32 M	1,1,1-Trichloroethane	20.000	17.712	11.4	85	0.00
33 M	Carbon Tetrachloride	20.000	17.289	13.6	83	0.00
34 M	Benzene	20.000	18.289	8.6	87	0.00
35	Methacrylonitrile	20.000	14.774	26.1	70	0.00
36 M	1,2-Dichloroethane	20.000	18.516	7.4	88	0.00
37 M	Trichloroethene	20.000	18.854	5.7	93	0.00
38	Methylcyclohexane	20.000	17.864	10.7	88	0.00
39 M	1,2-Dichloropropane	20.000	17.707	11.5	84	0.00
40	Dibromomethane	20.000	19.680	1.6	95	0.00
41 M	Bromodichloromethane	20.000	18.303	8.5	89	0.00
42 M	Vinyl Acetate	100.000	80.651	19.3	78	0.00
43	Ethyl Acetate	20.000	16.611	16.9	80	0.00
44	Isopropyl Acetate	20.000	15.528	22.4	76	0.00
45 T	1,4-Dioxane	400.000	379.538	5.1	91	0.00
46	Methyl methacrylate	20.000	14.996	25.0	77	0.00
47	n-amyl Acetate	20.000	14.572	27.1	75	0.00
48 M	t-1,3-Dichloropropene	20.000	18.040	9.8	91	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	20.000	18.713	6.4	92	0.00
50 M	1,1,2-Trichloroethane	20.000	20.121	-0.6	98	0.00
51	Ethyl methacrylate	20.000	17.954	10.2	90	0.00
52	1,3-Dichloropropane	20.000	18.957	5.2	92	0.00
53 M	Dibromochloromethane	20.000	19.177	4.1	94	0.00
54 M	1,2-Dibromoethane	20.000	19.720	1.4	97	0.00
55 M	2-Chloroethyl vinyl ether	100.000	81.084	18.9	88	0.00
56 M	Bromoform	20.000	18.723	6.4	96	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	95	0.00
58 M	4-Methyl-2-Pentanone	100.000	82.440	17.6	77	0.00
59 M	2-Hexanone	100.000	80.768	19.2	77	0.00
60 S	4-Bromofluorobenzene	30.000	28.563	4.8	92	0.00
61 M	Tetrachloroethene	20.000	19.540	2.3	94	0.00
62 M	Toluene	20.000	19.389	3.1	91	0.00
63 S	Toluene-d8	30.000	30.437	-1.5	95	0.00
64 M	Chlorobenzene	20.000	19.626	1.9	94	0.00
65	1,1,1,2-Tetrachloroethane	20.000	19.646	1.8	93	0.00
66 M	Ethyl Benzene	20.000	18.433	7.8	88	0.00
67 M	m/p-Xylenes	40.000	38.678	3.3	93	0.00
68 M	o-Xylene	20.000	19.234	3.8	91	0.00
69 M	Styrene	20.000	18.847	5.8	93	0.00
70	Isopropylbenzene	20.000	18.726	6.4	90	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	19.813	0.9	93	0.00
72	1,2,3-Trichloropropane	20.000	21.356	-6.8	112	0.00
73	Bromobenzene	20.000	19.739	1.3	97	0.00
74	n-propylbenzene	20.000	17.974	10.1	88	0.00
75	2-Chlorotoluene	20.000	18.374	8.1	89	0.00
76	1,3,5-Trimethylbenzene	20.000	19.157	4.2	92	0.00
77	t-1,4-Dichloro-2-butene	20.000	17.848	10.8	92	0.00
78	4-Chlorotoluene	20.000	18.333	8.3	92	0.00
79	tert-butylbenzene	20.000	18.676	6.6	90	0.00
80	1,2,4-Trimethylbenzene	20.000	22.692	-13.5	107	0.14
81	sec-Butylbenzene	20.000	18.109	9.5	90	0.00
82	p-Isopropyltoluene	20.000	18.344	8.3	91	0.00
83 M	1,3-Dichlorobenzene	20.000	19.375	3.1	95	0.00
84 M	1,4-Dichlorobenzene	20.000	19.241	3.8	96	0.00
85	n-Butylbenzene	20.000	17.160	14.2	91	0.00
86 T	Hexachloroethane	20.000	17.793	11.0	91	0.00
87 M	1,2-Dichlorobenzene	20.000	20.045	-0.2	95	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	18.584	7.1	91	0.00
89	1,2,4-Trichlorobenzene	20.000	18.188	9.1	95	0.00
90	Hexachlorobutadiene	20.000	20.145	-0.7	98	0.00
91 M	Naphthalene	20.000	17.047	14.8	95	0.00
92	1,2,3-Trichlorobenzene	20.000	17.931	10.3	93	0.00

(#) = Out of Range

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