

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN082120\
 Data File : VN063085.D
 Acq On : 21 Aug 2020 17:03
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC020

Quant Time: Aug 22 01:17:57 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N082020W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Aug 20 14:01:17 2020
 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	88	0.00
2 M	Dichlorodifluoromethane	20.000	19.796	1.0	86	0.00
3 M	Chloromethane	20.000	19.436	2.8	85	0.00
4 M	Vinyl Chloride	20.000	19.198	4.0	85	0.00
5 M	Bromomethane	20.000	12.680	36.6#	57	-0.04
6 M	Chloroethane	20.000	13.503	32.5#	60	-0.08
7 M	Trichlorofluoromethane	20.000	19.114	4.4	86	-0.05
8 T	Diethyl Ether	20.000	19.822	0.9	93	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	17.414	12.9	82	-0.03
10 M	1,1-Dichloroethene	20.000	18.227	8.9	86	-0.03
11	Methyl Iodide	20.000	15.964	20.2	79	-0.02
12	Methyl Acetate	20.000	22.168	-10.8	101	0.00
13 M	Acrolein	100.000	97.595	2.4	99	0.00
14 M	Acrylonitrile	100.000	98.996	1.0	92	0.00
15 M	Acetone	100.000	74.869	25.1	69	0.00
16 M	Carbon Disulfide	20.000	16.992	15.0	79	-0.03
17	Allyl chloride	20.000	17.667	11.7	86	-0.01
18 M	Methylene Chloride	20.000	17.907	10.5	83	-0.02
19 M	trans-1,2-Dichloroethene	20.000	17.831	10.8	85	-0.01
20 T	Diisopropyl ether	20.000	19.351	3.2	90	0.00
21 M	1,1-Dichloroethane	20.000	18.656	6.7	87	0.00
22 M	cis-1,2-Dichloroethene	20.000	18.171	9.1	87	0.00
23 M	tert-Butyl Alcohol	100.000	57.505	42.5#	52	0.04
24 M	Methyl tert-Butyl Ether	20.000	18.949	5.3	90	0.00
25 M	Chloroform	20.000	18.795	6.0	89	0.00
26	Cyclohexane	20.000	17.084	14.6	81	0.00
27 s	1,2-Dichloroethane-d4	30.000	31.237	-4.1	89	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	91	0.00
29	1,1-Dichloropropene	20.000	17.033	14.8	84	0.00
30 M	2-Butanone	100.000	83.815	16.2	82	0.00
31	2,2-Dichloropropane	20.000	15.582	22.1	77	0.00
32 M	1,1,1-Trichloroethane	20.000	17.662	11.7	86	0.00
33 M	Carbon Tetrachloride	20.000	17.237	13.8	85	0.00
34 M	Benzene	20.000	17.872	10.6	86	0.00
35	Methacrylonitrile	20.000	16.786	16.1	77	0.00
36 M	1,2-Dichloroethane	20.000	18.591	7.0	89	0.00
37 M	Trichloroethene	20.000	17.486	12.6	85	0.00
38	Methylcyclohexane	20.000	14.275	28.6	73	0.00
39 M	1,2-Dichloropropane	20.000	18.488	7.6	89	0.00
40	Dibromomethane	20.000	18.804	6.0	91	0.00
41 M	Bromodichloromethane	20.000	17.979	10.1	88	0.00
42 M	Vinyl Acetate	100.000	86.959	13.0	89	0.00
43	Ethyl Acetate	20.000	19.239	3.8	92	0.00
44	Isopropyl Acetate	20.000	18.936	5.3	94	0.00
45 T	1,4-Dioxane	400.000	167.512	58.1#	42	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
46	Methyl methacrylate	20.000	18.138	9.3	91	0.00
47	n-amyl Acetate	20.000	18.615	6.9	99	0.00
48 M	t-1,3-Dichloropropene	20.000	17.622	11.9	88	0.00
49 T	cis-1,3-Dichloropropene	20.000	17.515	12.4	86	0.00
50 M	1,1,2-Trichloroethane	20.000	18.762	6.2	91	0.00
51	Ethyl methacrylate	20.000	17.586	12.1	91	0.00
52	1,3-Dichloropropane	20.000	18.600	7.0	90	0.00
53 M	Dibromochloromethane	20.000	17.738	11.3	87	0.00
54 M	1,2-Dibromoethane	20.000	18.319	8.4	89	0.00
55 M	2-Chloroethyl vinyl ether	100.000	116.611	-16.6	133	0.00
56 M	Bromoform	20.000	17.514	12.4	90	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	89	0.00
58 M	4-Methyl-2-Pentanone	100.000	98.623	1.4	93	0.00
59 M	2-Hexanone	100.000	92.727	7.3	90	0.00
60 S	4-Bromofluorobenzene	30.000	29.562	1.5	90	0.00
61 M	Tetrachloroethene	20.000	17.161	14.2	81	0.00
62 M	Toluene	20.000	18.118	9.4	87	0.00
63 S	Toluene-d8	30.000	30.325	-1.1	89	0.00
64 M	Chlorobenzene	20.000	18.060	9.7	87	0.00
65	1,1,1,2-Tetrachloroethane	20.000	18.241	8.8	88	0.00
66 M	Ethyl Benzene	20.000	17.080	14.6	85	0.00
67 M	m/p-Xylenes	40.000	35.147	12.1	87	0.00
68 M	o-Xylene	20.000	17.184	14.1	86	0.00
69 M	Styrene	20.000	17.299	13.5	87	0.00
70	Isopropylbenzene	20.000	16.668	16.7	83	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	19.115	4.4	90	0.00
72	1,2,3-Trichloropropane	20.000	18.379	8.1	87	0.00
73	Bromobenzene	20.000	17.382	13.1	86	0.00
74	n-propylbenzene	20.000	15.831	20.8	79	0.00
75	2-Chlorotoluene	20.000	17.020	14.9	84	0.00
76	1,3,5-Trimethylbenzene	20.000	15.792	21.0	78	0.00
77	t-1,4-Dichloro-2-butene	20.000	18.161	9.2	94	0.00
78	4-Chlorotoluene	20.000	16.796	16.0	84	0.00
79	tert-butylbenzene	20.000	15.652	21.7	80	0.00
80	1,2,4-Trimethylbenzene	20.000	14.956	25.2	75	0.00
81	sec-Butylbenzene	20.000	14.801	26.0	75	0.00
82	p-Isopropyltoluene	20.000	13.828	30.9#	71	0.00
83 M	1,3-Dichlorobenzene	20.000	17.005	15.0	85	0.00
84 M	1,4-Dichlorobenzene	20.000	16.827	15.9	85	0.00
85	n-Butylbenzene	20.000	13.004	35.0#	72	0.00
86 T	Hexachloroethane	20.000	15.809	21.0	79	0.00
87 M	1,2-Dichlorobenzene	20.000	17.540	12.3	86	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	19.665	1.7	98	0.00
89	1,2,4-Trichlorobenzene	20.000	16.011	19.9	92	0.00
90	Hexachlorobutadiene	20.000	14.028	29.9	71	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
91 M	Naphthalene	20.000	16.603	17.0	101	0.00
92	1,2,3-Trichlorobenzene	20.000	16.024	19.9	89	0.00

(#) = Out of Range

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