

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071421\
 Data File : VN067725.D
 Acq On : 13 Jul 2021 18:37
 Operator : JC/MD
 Sample : VSTDICV020
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN071421

Quant Time: Jul 14 01:21:00 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N071421W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Jul 14 01:19:19 2021
 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	115	0.00
2 M	Dichlorodifluoromethane	20.000	18.747	6.3	115	0.00
3 M	Chloromethane	20.000	19.074	4.6	110	0.00
4 M	Vinyl Chloride	20.000	19.026	4.9	109	0.00
5 M	Bromomethane	20.000	19.814	0.9	111	0.00
6 M	Chloroethane	20.000	19.132	4.3	105	0.00
7 M	Trichlorofluoromethane	20.000	18.876	5.6	103	0.00
8 T	Diethyl Ether	20.000	18.589	7.1	109	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	18.526	7.4	109	0.00
10 M	1,1-Dichloroethene	20.000	19.093	4.5	114	0.00
11	Methyl Iodide	20.000	15.906	20.5	103	0.00
12	Methyl Acetate	20.000	18.939	5.3	116	0.00
13 M	Acrolein	100.000	89.616	10.4	114	0.00
14 M	Acrylonitrile	100.000	91.125	8.9	113	0.00
15 M	Acetone	100.000	90.622	9.4	110	0.00
16 M	Carbon Disulfide	20.000	17.918	10.4	113	0.00
17	Allyl chloride	20.000	18.309	8.5	111	0.00
18 M	Methylene Chloride	20.000	17.544	12.3	110	0.00
19 M	trans-1,2-Dichloroethene	20.000	18.254	8.7	114	0.00
20 T	Diisopropyl ether	20.000	17.953	10.2	111	0.00
21 M	1,1-Dichloroethane	20.000	18.239	8.8	110	0.00
22 M	cis-1,2-Dichloroethene	20.000	18.361	8.2	116	0.00
23 M	tert-Butyl Alcohol	100.000	92.093	7.9	110	0.00
24 M	Methyl tert-Butyl Ether	20.000	18.366	8.2	113	0.00
25 M	Chloroform	20.000	18.288	8.6	111	0.00
26	Cyclohexane	20.000	18.032	9.8	112	0.00
27 s	1,2-Dichloroethane-d4	30.000	31.459	-4.9	110	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	113	0.00
29	1,1-Dichloropropene	20.000	17.468	12.7	110	0.00
30 M	2-Butanone	100.000	87.899	12.1	112	0.00
31	2,2-Dichloropropane	20.000	16.623	16.9	106	0.00
32 M	1,1,1-Trichloroethane	20.000	17.618	11.9	113	0.00
33 M	Carbon Tetrachloride	20.000	17.226	13.9	113	0.00
34 M	Benzene	20.000	17.975	10.1	113	0.00
35	Methacrylonitrile	20.000	18.221	8.9	128	0.00
36 M	1,2-Dichloroethane	20.000	17.848	10.8	106	0.00
37 M	Trichloroethene	20.000	17.571	12.1	112	0.00
38	Methylcyclohexane	20.000	17.603	12.0	112	0.00
39 M	1,2-Dichloropropane	20.000	17.535	12.3	111	0.00
40	Dibromomethane	20.000	17.777	11.1	112	0.00
41 M	Bromodichloromethane	20.000	17.389	13.1	111	0.00
42 M	Vinyl Acetate	100.000	79.276	20.7	109	0.00
43	Ethyl Acetate	20.000	18.511	7.4	123	0.00
44	Isopropyl Acetate	20.000	17.695	11.5	113	0.00
45 T	1,4-Dioxane	400.000	330.972	17.3	105	0.00
46	Methyl methacrylate	20.000	17.388	13.1	113	0.00
47	n-amyl Acetate	20.000	16.738	16.3	113	0.00

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 Max. RRF Dev : 30% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)

48 M	t-1,3-Dichloropropene	20.000	16.821	15.9	113	0.00
49 T	cis-1,3-Dichloropropene	20.000	16.718	16.4	110	0.00
50 M	1,1,2-Trichloroethane	20.000	17.256	13.7	113	0.00
51	Ethyl methacrylate	20.000	17.105	14.5	113	0.00
52	1,3-Dichloropropane	20.000	17.514	12.4	112	0.00
53 M	Dibromochloromethane	20.000	16.611	16.9	116	0.00
54 M	1,2-Dibromoethane	20.000	17.151	14.2	112	0.00
55 M	2-Chloroethyl vinyl ether	100.000	78.271	21.7	111	0.00
56 M	Bromoform	20.000	15.336	23.3	118	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	112	0.00
58 M	4-Methyl-2-Pentanone	100.000	90.175	9.8	114	0.00
59 M	2-Hexanone	100.000	89.579	10.4	114	0.00
60 S	4-Bromofluorobenzene	30.000	28.883	3.7	109	0.00
61 M	Tetrachloroethene	20.000	17.351	13.2	110	0.00
62 M	Toluene	20.000	17.628	11.9	110	0.00
63 S	Toluene-d8	30.000	30.326	-1.1	112	0.00
64 M	Chlorobenzene	20.000	17.284	13.6	110	0.00
65	1,1,1,2-Tetrachloroethane	20.000	17.697	11.5	118	0.00
66 M	Ethyl Benzene	20.000	17.176	14.1	109	0.00
67 M	m/p-Xylenes	40.000	34.213	14.5	109	0.00
68 M	o-Xylene	20.000	17.344	13.3	111	0.00
69 M	Styrene	20.000	16.921	15.4	109	0.00
70	Isopropylbenzene	20.000	17.364	13.2	110	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	17.974	10.1	114	0.00
72	1,2,3-Trichloropropane	20.000	18.458	7.7	107	0.00
73	Bromobenzene	20.000	16.740	16.3	113	0.00
74	n-propylbenzene	20.000	17.286	13.6	109	0.00
75	2-Chlorotoluene	20.000	17.476	12.6	110	0.00
76	1,3,5-Trimethylbenzene	20.000	17.385	13.1	110	0.00
77	t-1,4-Dichloro-2-butene	20.000	14.671	26.6	105	0.00
78	4-Chlorotoluene	20.000	17.220	13.9	107	0.00
79	tert-butylbenzene	20.000	17.325	13.4	111	0.00
80	1,2,4-Trimethylbenzene	20.000	17.286	13.6	109	0.00
81	sec-Butylbenzene	20.000	17.053	14.7	107	0.00
82	p-Isopropyltoluene	20.000	16.482	17.6	107	0.00
83 M	1,3-Dichlorobenzene	20.000	16.785	16.1	111	0.00
84 M	1,4-Dichlorobenzene	20.000	16.576	17.1	109	0.00
85	n-Butylbenzene	20.000	16.436	17.8	107	0.00
86 T	Hexachloroethane	20.000	16.214	18.9	111	0.00
87 M	1,2-Dichlorobenzene	20.000	16.853	15.7	111	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	18.308	8.5	120	0.00
89	1,2,4-Trichlorobenzene	20.000	16.697	16.5	120	0.00
90	Hexachlorobutadiene	20.000	16.890	15.5	106	0.00
91 M	Naphthalene	20.000	18.731	6.3	142	0.00
92	1,2,3-Trichlorobenzene	20.000	17.023	14.9	123	0.00

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Compound	Amount	Calc.	%Dev	Area%	Dev(min)

(#)= Out of Range					
SPCC's out = 0 CCC's out = 0					