

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092721\
 Data File : VN068705.D
 Acq On : 27 Sep 2021 15:40
 Operator : JC/MD
 Sample : VSTDICV020
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN092721

Quant Time: Sep 28 05:28:31 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N092721W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Mon Sep 27 14:37:57 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	109	0.00
2 M	Dichlorodifluoromethane	20.000	21.879	-9.4	119	0.00
3 M	Chloromethane	20.000	21.392	-7.0	114	0.00
4 M	Vinyl Chloride	20.000	19.895	0.5	109	0.00
5 M	Bromomethane	20.000	20.760	-3.8	120	0.00
6 M	Chloroethane	20.000	19.785	1.1	108	0.00
7 M	Trichlorofluoromethane	20.000	20.241	-1.2	110	0.00
8 T	Diethyl Ether	20.000	19.677	1.6	110	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	20.423	-2.1	111	0.00
10 M	1,1-Dichloroethene	20.000	20.205	-1.0	113	0.00
11	Methyl Iodide	20.000	18.611	6.9	110	0.00
12	Methyl Acetate	20.000	19.325	3.4	108	0.00
13 M	Acrolein	100.000	100.285	-0.3	144	0.00
14 M	Acrylonitrile	100.000	96.948	3.1	108	0.00
15 M	Acetone	100.000	108.166	-8.2	116	0.00
16 M	Carbon Disulfide	20.000	19.420	2.9	110	0.00
17	Allyl chloride	20.000	19.684	1.6	111	0.00
18 M	Methylene Chloride	20.000	21.106	-5.5	119	0.00
19 M	trans-1,2-Dichloroethene	20.000	19.809	1.0	108	0.00
20 T	Diisopropyl ether	20.000	19.213	3.9	99	0.00
21 M	1,1-Dichloroethane	20.000	19.323	3.4	99	0.00
22 M	cis-1,2-Dichloroethene	20.000	19.845	0.8	109	0.00
23 M	tert-Butyl Alcohol	100.000	99.217	0.8	113	0.00
24 M	Methyl tert-Butyl Ether	20.000	19.245	3.8	104	0.00
25 M	Chloroform	20.000	22.945	-14.7	135	0.00
26	Cyclohexane	20.000	18.868	5.7	110	0.00
27 s	1,2-Dichloroethane-d4	30.000	27.151	9.5	105	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	108	0.00
29	1,1-Dichloropropene	20.000	17.876	10.6	115	0.00
30 M	2-Butanone	100.000	100.572	-0.6	107	0.00
31	2,2-Dichloropropane	20.000	19.831	0.8	109	0.00
32 M	1,1,1-Trichloroethane	20.000	18.222	8.9	110	0.00
33 M	Carbon Tetrachloride	20.000	17.629	11.9	111	0.00
34 M	Benzene	20.000	19.605	2.0	114	0.00
35	Methacrylonitrile	20.000	17.535	12.3	95	0.00
36 M	1,2-Dichloroethane	20.000	19.248	3.8	111	0.00
37 M	Trichloroethene	20.000	19.796	1.0	113	0.00
38	Methylcyclohexane	20.000	17.198	14.0	114	0.00
39 M	1,2-Dichloropropane	20.000	18.003	10.0	113	0.00
40	Dibromomethane	20.000	17.618	11.9	97	0.00
41 M	Bromodichloromethane	20.000	17.911	10.4	101	0.00
42 M	Vinyl Acetate	100.000	95.515	4.5	98	0.00
43	Ethyl Acetate	20.000	19.511	2.4	112	0.00
44	Isopropyl Acetate	20.000	19.421	2.9	109	0.00
45 T	1,4-Dioxane	400.000	346.407	13.4	98	0.00
46	Methyl methacrylate	20.000	16.377	18.1	90	0.00
47	n-amyl Acetate	20.000	15.486	22.6	114	0.00
48 M	t-1,3-Dichloropropene	20.000	20.095	-0.5	127	0.00

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49 T	cis-1,3-Dichloropropene	20.000	18.740	6.3	113	0.00
50 M	1,1,2-Trichloroethane	20.000	18.519	7.4	115	0.00
51	Ethyl methacrylate	20.000	19.214	3.9	119	0.00
52	1,3-Dichloropropane	20.000	19.972	0.1	116	0.00
53 M	Dibromochloromethane	20.000	16.867	15.7	98	0.00
54 M	1,2-Dibromoethane	20.000	18.393	8.0	115	0.00
55 M	2-Chloroethyl vinyl ether	100.000	66.377	33.6#	95	0.00
56 M	Bromoform	20.000	17.462	12.7	120	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	106	0.00
58 M	4-Methyl-2-Pentanone	100.000	155.034	-55.0#	167	0.00
59 M	2-Hexanone	100.000	98.641	1.4	115	0.00
60 S	4-Bromofluorobenzene	30.000	26.875	10.4	109	0.00
61 M	Tetrachloroethene	20.000	20.539	-2.7	114	0.00
62 M	Toluene	20.000	22.622	-13.1	132	0.00
63 S	Toluene-d8	30.000	39.129	-30.4#	140	0.00
64 M	Chlorobenzene	20.000	20.344	-1.7	115	0.00
65	1,1,1,2-Tetrachloroethane	20.000	18.916	5.4	105	0.00
66 M	Ethyl Benzene	20.000	18.396	8.0	106	0.00
67 M	m/p-Xylenes	40.000	36.977	7.6	117	0.00
68 M	o-Xylene	20.000	17.202	14.0	106	0.00
69 M	Styrene	20.000	16.225	18.9	106	0.00
70	Isopropylbenzene	20.000	17.375	13.1	109	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	18.020	9.9	103	0.00
72	1,2,3-Trichloropropane	20.000	18.483	7.6	101	0.00
73	Bromobenzene	20.000	17.349	13.3	99	0.00
74	n-propylbenzene	20.000	17.449	12.8	100	0.00
75	2-Chlorotoluene	20.000	17.361	13.2	94	0.00
76	1,3,5-Trimethylbenzene	20.000	17.729	11.4	95	0.00
77	t-1,4-Dichloro-2-butene	20.000	16.585	17.1	118	0.00
78	4-Chlorotoluene	20.000	24.420	-22.1	135	0.00
79	tert-butylbenzene	20.000	19.213	3.9	109	0.00
80	1,2,4-Trimethylbenzene	20.000	19.987	0.1	113	0.00
81	sec-Butylbenzene	20.000	20.225	-1.1	115	0.00
82	p-Isopropyltoluene	20.000	18.458	7.7	118	0.00
83 M	1,3-Dichlorobenzene	20.000	18.834	5.8	118	0.00
84 M	1,4-Dichlorobenzene	20.000	19.197	4.0	116	0.00
85	n-Butylbenzene	20.000	18.500	7.5	117	0.00
86 T	Hexachloroethane	20.000	17.832	10.8	98	0.00
87 M	1,2-Dichlorobenzene	20.000	22.457	-12.3	131	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	18.276	8.6	117	0.00
89	1,2,4-Trichlorobenzene	20.000	19.555	2.2	123	0.00
90	Hexachlorobutadiene	20.000	20.000	0.0	114	0.00
91 M	Naphthalene	20.000	20.476	-2.4	133	0.00
92	1,2,3-Trichlorobenzene	20.000	23.255	-16.3	137	0.00

(#) = Out of Range

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