

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061621\
 Data File : VN067363.D
 Acq On : 16 Jun 2021 14:48
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jun 17 04:18:48 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N061121W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Sat Jun 12 09:13:15 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	92	0.00
2 M	Dichlorodifluoromethane	20.000	17.911	10.4	89	0.00
3 M	Chloromethane	20.000	18.412	7.9	92	0.00
4 M	Vinyl Chloride	20.000	17.583	12.1	88	0.00
5 M	Bromomethane	20.000	18.445	7.8	89	-0.02
6 M	Chloroethane	20.000	18.687	6.6	93	-0.01
7 M	Trichlorofluoromethane	20.000	17.477	12.6	87	0.00
8 T	Diethyl Ether	20.000	18.838	5.8	93	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	18.205	9.0	90	0.00
10 M	1,1-Dichloroethene	20.000	17.843	10.8	87	0.00
11	Methyl Iodide	20.000	14.928	25.4	79	0.00
12	Methyl Acetate	20.000	19.243	3.8	96	0.00
13 M	Acrolein	100.000	110.432	-10.4	109	0.00
14 M	Acrylonitrile	100.000	98.096	1.9	98	0.00
15 M	Acetone	100.000	110.413	-10.4	111	0.00
16 M	Carbon Disulfide	20.000	18.217	8.9	91	0.00
17	Allyl chloride	20.000	18.051	9.7	91	0.00
18 M	Methylene Chloride	20.000	19.969	0.2	100	0.00
19 M	trans-1,2-Dichloroethene	20.000	18.794	6.0	93	0.00
20 T	Diisopropyl ether	20.000	18.717	6.4	93	0.00
21 M	1,1-Dichloroethane	20.000	19.063	4.7	94	0.00
22 M	cis-1,2-Dichloroethene	20.000	19.400	3.0	95	0.00
23 M	tert-Butyl Alcohol	100.000	88.861	11.1	93	0.00
24 M	Methyl tert-Butyl Ether	20.000	19.275	3.6	96	0.00
25 M	Chloroform	20.000	18.793	6.0	94	0.00
26	Cyclohexane	20.000	18.789	6.1	94	0.00
27 s	1,2-Dichloroethane-d4	30.000	30.842	-2.8	92	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	90	0.00
29	1,1-Dichloropropene	20.000	18.399	8.0	93	0.00
30 M	2-Butanone	100.000	99.897	0.1	102	0.00
31	2,2-Dichloropropane	20.000	21.264	-6.3	104	0.00
32 M	1,1,1-Trichloroethane	20.000	17.221	13.9	84	0.00
33 M	Carbon Tetrachloride	20.000	16.297	18.5	81	0.00
34 M	Benzene	20.000	19.067	4.7	94	0.00
35	Methacrylonitrile	20.000	19.664	1.7	98	0.00
36 M	1,2-Dichloroethane	20.000	19.165	4.2	98	0.00
37 M	Trichloroethene	20.000	17.961	10.2	89	0.00
38	Methylcyclohexane	20.000	20.354	-1.8	104	0.00
39 M	1,2-Dichloropropane	20.000	19.347	3.3	96	0.00
40	Dibromomethane	20.000	19.071	4.6	95	0.00
41 M	Bromodichloromethane	20.000	18.796	6.0	94	0.00
42 M	Vinyl Acetate	100.000	95.486	4.5	96	0.00
43	Ethyl Acetate	20.000	18.831	5.8	94	0.00
44	Isopropyl Acetate	20.000	18.802	6.0	95	0.00
45 T	1,4-Dioxane	400.000	380.060	5.0	95	0.00
46	Methyl methacrylate	20.000	18.494	7.5	96	0.00
47	n-amyl Acetate	20.000	17.647	11.8	95	0.00
48 M	t-1,3-Dichloropropene	20.000	18.862	5.7	96	0.00

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

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	20.000	19.590	2.1	100	0.00
50 M	1,1,2-Trichloroethane	20.000	19.743	1.3	99	0.00
51	Ethyl methacrylate	20.000	18.854	5.7	96	0.00
52	1,3-Dichloropropane	20.000	19.537	2.3	99	0.00
53 M	Dibromochloromethane	20.000	17.219	13.9	88	0.00
54 M	1,2-Dibromoethane	20.000	18.423	7.9	94	0.00
55 M	2-Chloroethyl vinyl ether	100.000	108.083	-8.1	120	0.00
56 M	Bromoform	20.000	16.694	16.5	88	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	91	0.00
58 M	4-Methyl-2-Pentanone	100.000	94.594	5.4	96	0.00
59 M	2-Hexanone	100.000	94.285	5.7	96	0.00
60 S	4-Bromofluorobenzene	30.000	29.072	3.1	89	0.00
61 M	Tetrachloroethene	20.000	18.598	7.0	88	0.00
62 M	Toluene	20.000	19.154	4.2	96	0.00
63 S	Toluene-d8	30.000	30.646	-2.2	92	0.00
64 M	Chlorobenzene	20.000	18.503	7.5	95	0.00
65	1,1,1,2-Tetrachloroethane	20.000	17.662	11.7	88	0.00
66 M	Ethyl Benzene	20.000	18.200	9.0	92	0.00
67 M	m/p-Xylenes	40.000	36.063	9.8	92	0.00
68 M	o-Xylene	20.000	18.245	8.8	93	0.00
69 M	Styrene	20.000	18.325	8.4	94	0.00
70	Isopropylbenzene	20.000	18.445	7.8	94	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	19.451	2.7	99	0.00
72	1,2,3-Trichloropropane	20.000	19.516	2.4	100	0.00
73	Bromobenzene	20.000	18.008	10.0	93	0.00
74	n-propylbenzene	20.000	18.813	5.9	97	0.00
75	2-Chlorotoluene	20.000	18.133	9.3	93	0.00
76	1,3,5-Trimethylbenzene	20.000	18.669	6.7	96	0.00
77	t-1,4-Dichloro-2-butene	20.000	18.619	6.9	99	0.00
78	4-Chlorotoluene	20.000	18.118	9.4	94	0.00
79	tert-butylbenzene	20.000	17.849	10.8	91	0.00
80	1,2,4-Trimethylbenzene	20.000	18.357	8.2	94	0.00
81	sec-Butylbenzene	20.000	18.941	5.3	98	0.00
82	p-Isopropyltoluene	20.000	18.599	7.0	97	0.00
83 M	1,3-Dichlorobenzene	20.000	18.200	9.0	96	0.00
84 M	1,4-Dichlorobenzene	20.000	18.031	9.8	95	0.00
85	n-Butylbenzene	20.000	19.624	1.9	104	0.00
86 T	Hexachloroethane	20.000	16.786	16.1	91	0.00
87 M	1,2-Dichlorobenzene	20.000	18.035	9.8	93	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	17.000	15.0	86	0.00
89	1,2,4-Trichlorobenzene	20.000	18.019	9.9	95	0.00
90	Hexachlorobutadiene	20.000	17.767	11.2	93	0.00
91 M	Naphthalene	20.000	16.839	15.8	91	0.00
92	1,2,3-Trichlorobenzene	20.000	17.311	13.4	92	0.00

(#) = Out of Range

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