

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN080918\
 Data File : VN050505.D
 Acq On : 10 Aug 2018 00:06
 Operator : MD\SY
 Sample : VSTDCCC020
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC020

Quant Time: Aug 10 07:59:10 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N072518W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Jul 26 15:21:50 2018
 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	95	0.00
2 M	Dichlorodifluoromethane	20.000	15.000	25.0	63	0.00
3 M	Chloromethane	20.000	17.957	10.2	81	0.00
4 M	Vinyl Chloride	20.000	18.093	9.5	81	0.00
5 M	Bromomethane	20.000	16.652	16.7	76	0.00
6 M	Chloroethane	20.000	18.976	5.1	86	0.00
7 M	Trichlorofluoromethane	20.000	18.822	5.9	83	0.00
8 T	Diethyl Ether	20.000	18.902	5.5	91	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	18.874	5.6	83	0.00
10 M	1,1-Dichloroethene	20.000	19.279	3.6	88	0.00
11	Methyl Iodide	20.000	6.701	66.5#	31	0.00
12	Methyl Acetate	20.000	15.623	21.9	71	0.00
13 M	Acrolein	100.000	84.658	15.3	90	0.00
14 M	Acrylonitrile	100.000	92.404	7.6	88	0.00
15 M	Acetone	100.000	102.475	-2.5	92	0.00
16 M	Carbon Disulfide	20.000	18.174	9.1	83	0.00
17	Allyl chloride	20.000	17.910	10.4	85	0.00
18 M	Methylene Chloride	20.000	19.699	1.5	90	0.00
19 M	trans-1,2-Dichloroethene	20.000	19.302	3.5	88	0.00
20 T	Diisopropyl ether	20.000	20.363	-1.8	93	0.00
21 M	1,1-Dichloroethane	20.000	19.544	2.3	90	0.00
22 M	cis-1,2-Dichloroethene	20.000	19.900	0.5	93	0.00
23 M	tert-Butyl Alcohol	100.000	83.517	16.5	81	0.00
24 M	Methyl tert-Butyl Ether	20.000	19.394	3.0	91	0.00
25 M	Chloroform	20.000	19.822	0.9	90	0.00
26	Cyclohexane	20.000	19.065	4.7	88	0.00
27 s	1,2-Dichloroethane-d4	30.000	29.930	0.2	93	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	98	0.00
29	1,1-Dichloropropene	20.000	18.603	7.0	87	0.00
30 M	2-Butanone	100.000	99.833	0.2	100	0.00
31	2,2-Dichloropropane	20.000	14.606	27.0	69	0.00
32 M	1,1,1-Trichloroethane	20.000	18.762	6.2	90	0.00
33 M	Carbon Tetrachloride	20.000	18.460	7.7	89	0.00
34 M	Benzene	20.000	18.928	5.4	90	0.00
35	Methacrylonitrile	20.000	15.205	24.0	79	0.00
36 M	1,2-Dichloroethane	20.000	18.404	8.0	88	0.00
37 M	Trichloroethene	20.000	19.427	2.9	93	0.00
38	Methylcyclohexane	20.000	17.501	12.5	86	0.00
39 M	1,2-Dichloropropane	20.000	18.994	5.0	91	0.00
40	Dibromomethane	20.000	18.567	7.2	90	0.00
41 M	Bromodichloromethane	20.000	18.533	7.3	90	0.00
42 M	Vinyl Acetate	100.000	90.741	9.3	90	0.00
43	Ethyl Acetate	20.000	17.034	14.8	82	0.00
44	Isopropyl Acetate	20.000	16.799	16.0	82	0.00
45 T	1,4-Dioxane	400.000	353.417	11.6	87	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
46	Methyl methacrylate	20.000	16.985	15.1	84	0.00
47	n-amyl Acetate	20.000	17.141	14.3	91	0.00
48 M	t-1,3-Dichloropropene	20.000	17.501	12.5	86	0.00
49 T	cis-1,3-Dichloropropene	20.000	17.634	11.8	86	0.00
50 M	1,1,2-Trichloroethane	20.000	18.678	6.6	91	0.00
51	Ethyl methacrylate	20.000	17.551	12.2	93	0.00
52	1,3-Dichloropropane	20.000	18.589	7.1	90	0.00
53 M	Dibromochloromethane	20.000	18.023	9.9	89	0.00
54 M	1,2-Dibromoethane	20.000	18.194	9.0	90	0.00
55 M	2-Chloroethyl vinyl ether	100.000	94.473	5.5	95	0.00
56 M	Bromoform	20.000	17.001	15.0	86	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	98	0.00
58 M	4-Methyl-2-Pentanone	100.000	109.343	-9.3	105	0.00
59 M	2-Hexanone	100.000	102.713	-2.7	101	0.00
60 S	4-Bromofluorobenzene	30.000	29.829	0.6	99	0.00
61 M	Tetrachloroethene	20.000	19.541	2.3	90	0.00
62 M	Toluene	20.000	19.171	4.1	90	0.00
63 S	Toluene-d8	30.000	29.946	0.2	95	0.00
64 M	Chlorobenzene	20.000	19.482	2.6	94	0.00
65	1,1,1,2-Tetrachloroethane	20.000	19.148	4.3	91	0.00
66 M	Ethyl Benzene	20.000	18.799	6.0	91	0.00
67 M	m/p-Xylenes	40.000	38.693	3.3	91	0.00
68 M	o-Xylene	20.000	19.290	3.6	94	0.00
69 M	Styrene	20.000	19.402	3.0	93	0.00
70	Isopropylbenzene	20.000	19.061	4.7	91	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	18.580	7.1	91	0.00
72	1,2,3-Trichloropropane	20.000	17.670	11.6	85	0.00
73	Bromobenzene	20.000	18.818	5.9	92	0.00
74	n-propylbenzene	20.000	18.471	7.6	88	0.00
75	2-Chlorotoluene	20.000	19.125	4.4	91	0.00
76	1,3,5-Trimethylbenzene	20.000	19.262	3.7	90	0.00
77	t-1,4-Dichloro-2-butene	20.000	13.099	34.5#	69	0.00
78	4-Chlorotoluene	20.000	19.275	3.6	92	0.00
79	tert-butylbenzene	20.000	19.135	4.3	92	0.00
80	1,2,4-Trimethylbenzene	20.000	19.295	3.5	90	0.00
81	sec-Butylbenzene	20.000	18.390	8.0	87	0.00
82	p-Isopropyltoluene	20.000	18.348	8.3	87	0.00
83 M	1,3-Dichlorobenzene	20.000	18.766	6.2	91	0.00
84 M	1,4-Dichlorobenzene	20.000	18.702	6.5	90	0.00
85	n-Butylbenzene	20.000	16.689	16.6	83	0.00
86 T	Hexachloroethane	20.000	15.502	22.5	75	0.00
87 M	1,2-Dichlorobenzene	20.000	18.949	5.3	89	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	16.244	18.8	80	0.00
89	1,2,4-Trichlorobenzene	20.000	17.504	12.5	91	0.00
90	Hexachlorobutadiene	20.000	17.572	12.1	80	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
91 M	Naphthalene	20.000	18.697	6.5	91	0.00
92	1,2,3-Trichlorobenzene	20.000	17.032	14.8	86	0.00

(#) = Out of Range

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