

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN011819\
 Data File : VN053466.D
 Acq On : 18 Jan 2019 12:14
 Operator : JC/SP
 Sample : VSTDCCC020
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 9 Sample Multiplier: 28

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC020

Quant Time: Jan 19 00:19:02 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N122818W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Dec 28 10:33:50 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	81	0.00
2 M	Dichlorodifluoromethane	20.000	14.660	26.7	58	0.00
3 M	Chloromethane	20.000	16.266	18.7	66	0.00
4 M	Vinyl Chloride	20.000	16.866	15.7	68	0.00
5 M	Bromomethane	20.000	17.717	11.4	74	0.00
6 M	Chloroethane	20.000	17.245	13.8	70	0.00
7 M	Trichlorofluoromethane	20.000	18.814	5.9	77	0.00
8 T	Diethyl Ether	20.000	18.843	5.8	78	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	18.354	8.2	75	0.00
10 M	1,1-Dichloroethene	20.000	18.085	9.6	74	0.00
11	Methyl Iodide	20.000	18.562	7.2	77	0.00
12	Methyl Acetate	20.000	21.122	-5.6	92	0.00
13 M	Acrolein	100.000	95.725	4.3	81	0.00
14 M	Acrylonitrile	100.000	101.442	-1.4	83	0.00
15 M	Acetone	100.000	119.336	-19.3	96	0.00
16 M	Carbon Disulfide	20.000	16.534	17.3	69	0.00
17	Allyl chloride	20.000	18.474	7.6	73	0.00
18 M	Methylene Chloride	20.000	18.663	6.7	77	0.00
19 M	trans-1,2-Dichloroethene	20.000	18.801	6.0	77	0.00
20 T	Diisopropyl ether	20.000	18.786	6.1	75	0.00
21 M	1,1-Dichloroethane	20.000	18.790	6.1	77	0.00
22 M	cis-1,2-Dichloroethene	20.000	18.848	5.8	78	0.00
23 M	tert-Butyl Alcohol	100.000	87.588	12.4	75	0.00
24 M	Methyl tert-Butyl Ether	20.000	19.239	3.8	79	0.00
25 M	Chloroform	20.000	19.379	3.1	79	0.00
26	Cyclohexane	20.000	17.530	12.3	73	0.00
27 s	1,2-Dichloroethane-d4	30.000	29.754	0.8	79	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	77	0.00
29	1,1-Dichloropropene	20.000	18.779	6.1	75	0.00
30 M	2-Butanone	100.000	108.982	-9.0	84	0.00
31	2,2-Dichloropropane	20.000	19.308	3.5	77	0.00
32 M	1,1,1-Trichloroethane	20.000	19.956	0.2	79	0.00
33 M	Carbon Tetrachloride	20.000	19.628	1.9	78	0.00
34 M	Benzene	20.000	19.456	2.7	76	0.00
35	Methacrylonitrile	20.000	18.820	5.9	72	0.00
36 M	1,2-Dichloroethane	20.000	20.002	-0.0	78	0.00
37 M	Trichloroethene	20.000	19.716	1.4	78	0.00
38	Methylcyclohexane	20.000	19.334	3.3	78	0.00
39 M	1,2-Dichloropropane	20.000	19.488	2.6	77	0.00
40	Dibromomethane	20.000	20.529	-2.6	81	0.00
41 M	Bromodichloromethane	20.000	19.583	2.1	78	0.00
42 M	Vinyl Acetate	100.000	100.938	-0.9	79	0.00
43	Ethyl Acetate	20.000	20.888	-4.4	80	0.00
44	Isopropyl Acetate	20.000	20.464	-2.3	82	0.00
45 T	1,4-Dioxane	400.000	325.798	18.6	65	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
46	Methyl methacrylate	20.000	19.993	0.0	80	0.00
47	n-amyl Acetate	20.000	20.095	-0.5	83	0.00
48 M	t-1,3-Dichloropropene	20.000	19.477	2.6	79	0.00
49 T	cis-1,3-Dichloropropene	20.000	19.343	3.3	78	0.00
50 M	1,1,2-Trichloroethane	20.000	20.474	-2.4	80	0.00
51	Ethyl methacrylate	20.000	19.853	0.7	81	0.00
52	1,3-Dichloropropane	20.000	20.143	-0.7	80	0.00
53 M	Dibromochloromethane	20.000	20.186	-0.9	82	0.00
54 M	1,2-Dibromoethane	20.000	20.264	-1.3	80	0.00
55 M	2-Chloroethyl vinyl ether	100.000	97.081	2.9	76	0.00
56 M	Bromoform	20.000	20.198	-1.0	82	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	79	0.00
58 M	4-Methyl-2-Pentanone	100.000	106.663	-6.7	83	0.00
59 M	2-Hexanone	100.000	104.935	-4.9	81	0.00
60 S	4-Bromofluorobenzene	30.000	30.448	-1.5	81	0.00
61 M	Tetrachloroethene	20.000	20.281	-1.4	80	0.00
62 M	Toluene	20.000	19.480	2.6	77	0.00
63 S	Toluene-d8	30.000	29.978	0.1	77	0.00
64 M	Chlorobenzene	20.000	19.518	2.4	78	0.00
65	1,1,1,2-Tetrachloroethane	20.000	19.941	0.3	80	0.00
66 M	Ethyl Benzene	20.000	19.228	3.9	77	0.00
67 M	m/p-Xylenes	40.000	38.803	3.0	77	0.00
68 M	o-Xylene	20.000	19.844	0.8	79	0.00
69 M	Styrene	20.000	19.710	1.4	79	0.00
70	Isopropylbenzene	20.000	19.721	1.4	79	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	21.148	-5.7	84	0.00
72	1,2,3-Trichloropropane	20.000	21.124	-5.6	81	0.00
73	Bromobenzene	20.000	20.316	-1.6	80	0.00
74	n-propylbenzene	20.000	19.998	0.0	80	0.00
75	2-Chlorotoluene	20.000	20.005	-0.0	79	0.00
76	1,3,5-Trimethylbenzene	20.000	20.227	-1.1	80	0.00
77	t-1,4-Dichloro-2-butene	20.000	19.751	1.2	83	0.00
78	4-Chlorotoluene	20.000	19.817	0.9	79	0.00
79	tert-butylbenzene	20.000	20.573	-2.9	82	0.00
80	1,2,4-Trimethylbenzene	20.000	20.500	-2.5	81	0.00
81	sec-Butylbenzene	20.000	21.215	-6.1	86	0.00
82	p-Isopropyltoluene	20.000	21.288	-6.4	85	0.00
83 M	1,3-Dichlorobenzene	20.000	20.569	-2.8	83	0.00
84 M	1,4-Dichlorobenzene	20.000	20.659	-3.3	83	0.00
85	n-Butylbenzene	20.000	21.529	-7.6	88	0.00
86 T	Hexachloroethane	20.000	20.036	-0.2	83	0.00
87 M	1,2-Dichlorobenzene	20.000	21.705	-8.5	84	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	19.169	4.2	75	0.00
89	1,2,4-Trichlorobenzene	20.000	18.651	6.7	78	0.00
90	Hexachlorobutadiene	20.000	24.079	-20.4	91	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
91 M	Naphthalene	20.000	14.889	25.6	64	0.00
92	1,2,3-Trichlorobenzene	20.000	15.759	21.2	66	0.00

(#) = Out of Range

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