

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN101818\
 Data File : VN051908.D
 Acq On : 18 Oct 2018 11:19
 Operator : MD\SY
 Sample : VSTDCCC020
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 28

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC020

Quant Time: Oct 18 15:00:56 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\624N101218W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Oct 12 10:23:44 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	89	0.00
2 M	Dichlorodifluoromethane	20.000	21.062	-5.3	95	0.00
3 M	Chloromethane	20.000	18.596	7.0	80	0.00
4 M	Vinyl Chloride	20.000	18.725	6.4	79	0.00
5 M	Bromomethane	20.000	18.861	5.7	84	0.00
6 M	Chloroethane	20.000	19.274	3.6	81	0.00
7 M	Trichlorofluoromethane	20.000	21.171	-5.9	101	0.00
8 T	Diethyl Ether	20.000	19.424	2.9	84	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	21.398	-7.0	92	0.00
10 M	1,1-Dichloroethene	20.000	20.028	-0.1	86	0.00
11	Methyl Iodide	20.000	16.641	16.8	76	0.00
12	Methyl Acetate	20.000	20.045	-0.2	85	0.00
13 M	Acrolein	100.000	72.875	27.1	66	0.00
14 M	Acrylonitrile	100.000	90.678	9.3	79	0.00
15 M	Acetone	100.000	108.365	-8.4	91	0.00
16 M	Carbon Disulfide	20.000	17.684	11.6	79	0.00
17	Allyl chloride	20.000	18.322	8.4	77	0.00
18 M	Methylene Chloride	20.000	19.776	1.1	85	0.00
19 M	trans-1,2-Dichloroethene	20.000	19.563	2.2	84	0.00
20 T	Diisopropyl ether	20.000	18.505	7.5	79	0.00
21 M	1,1-Dichloroethane	20.000	19.269	3.7	82	0.00
22 M	cis-1,2-Dichloroethene	20.000	19.667	1.7	87	0.00
23 M	tert-Butyl Alcohol	100.000	90.465	9.5	81	0.00
24 M	Methyl tert-Butyl Ether	20.000	19.199	4.0	84	0.00
25 M	Chloroform	20.000	19.980	0.1	86	0.00
26	Cyclohexane	20.000	18.499	7.5	80	0.00
27 s	1,2-Dichloroethane-d4	30.000	30.030	-0.1	84	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	89	0.00
29	1,1-Dichloropropene	20.000	19.426	2.9	86	0.00
30 M	2-Butanone	100.000	95.134	4.9	83	0.00
31	2,2-Dichloropropane	20.000	18.718	6.4	82	0.00
32 M	1,1,1-Trichloroethane	20.000	19.335	3.3	87	0.00
33 M	Carbon Tetrachloride	20.000	18.621	6.9	83	0.00
34 M	Benzene	20.000	19.114	4.4	84	0.00
35	Methacrylonitrile	20.000	16.120	19.4	74	-0.01
36 M	1,2-Dichloroethane	20.000	19.179	4.1	85	0.00
37 M	Trichloroethene	20.000	19.251	3.7	85	0.00
38	Methylcyclohexane	20.000	18.425	7.9	82	0.00
39 M	1,2-Dichloropropane	20.000	18.764	6.2	81	0.00
40	Dibromomethane	20.000	18.990	5.1	86	0.00
41 M	Bromodichloromethane	20.000	18.271	8.6	81	0.00
42 M	Vinyl Acetate	100.000	87.590	12.4	77	0.00
43	Ethyl Acetate	20.000	17.978	10.1	77	0.00
44	Isopropyl Acetate	20.000	17.377	13.1	76	0.00
45 T	1,4-Dioxane	400.000	382.523	4.4	85	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
46	Methyl methacrylate	20.000	17.540	12.3	77	0.00
47	n-amyl Acetate	20.000	15.138	24.3	72	0.00
48 M	t-1,3-Dichloropropene	20.000	16.976	15.1	79	0.00
49 T	cis-1,3-Dichloropropene	20.000	17.785	11.1	80	0.00
50 M	1,1,2-Trichloroethane	20.000	19.208	4.0	85	0.00
51	Ethyl methacrylate	20.000	17.814	10.9	80	0.00
52	1,3-Dichloropropane	20.000	18.263	8.7	81	0.00
53 M	Dibromochloromethane	20.000	17.422	12.9	82	0.00
54 M	1,2-Dibromoethane	20.000	17.664	11.7	82	0.00
55 M	2-Chloroethyl vinyl ether	100.000	87.265	12.7	78	0.00
56 M	Bromoform	20.000	15.972	20.1	82	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	86	0.00
58 M	4-Methyl-2-Pentanone	100.000	96.134	3.9	81	0.00
59 M	2-Hexanone	100.000	93.738	6.3	82	0.00
60 S	4-Bromofluorobenzene	30.000	28.013	6.6	82	0.00
61 M	Tetrachloroethene	20.000	20.791	-4.0	87	0.00
62 M	Toluene	20.000	19.579	2.1	83	0.00
63 S	Toluene-d8	30.000	30.937	-3.1	86	0.00
64 M	Chlorobenzene	20.000	19.183	4.1	84	0.00
65	1,1,1,2-Tetrachloroethane	20.000	19.614	1.9	84	0.00
66 M	Ethyl Benzene	20.000	19.086	4.6	82	0.00
67 M	m/p-Xylenes	40.000	37.614	6.0	82	0.00
68 M	o-Xylene	20.000	18.716	6.4	82	0.00
69 M	Styrene	20.000	17.610	12.0	80	0.00
70	Isopropylbenzene	20.000	19.048	4.8	84	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	18.822	5.9	81	0.00
72	1,2,3-Trichloropropane	20.000	18.726	6.4	84	0.00
73	Bromobenzene	20.000	18.541	7.3	84	0.00
74	n-propylbenzene	20.000	18.518	7.4	82	0.00
75	2-Chlorotoluene	20.000	18.896	5.5	83	0.00
76	1,3,5-Trimethylbenzene	20.000	18.515	7.4	82	0.00
77	t-1,4-Dichloro-2-butene	20.000	15.155	24.2	74	0.00
78	4-Chlorotoluene	20.000	17.650	11.8	79	0.00
79	tert-butylbenzene	20.000	18.804	6.0	83	0.00
80	1,2,4-Trimethylbenzene	20.000	18.244	8.8	80	0.00
81	sec-Butylbenzene	20.000	18.623	6.9	82	0.00
82	p-Isopropyltoluene	20.000	18.002	10.0	82	0.00
83 M	1,3-Dichlorobenzene	20.000	16.842	15.8	79	0.00
84 M	1,4-Dichlorobenzene	20.000	16.640	16.8	80	0.00
85	n-Butylbenzene	20.000	16.839	15.8	77	0.00
86 T	Hexachloroethane	20.000	16.910	15.4	79	0.00
87 M	1,2-Dichlorobenzene	20.000	17.784	11.1	82	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	16.595	17.0	75	0.00
89	1,2,4-Trichlorobenzene	20.000	16.575	17.1	68	0.00
90	Hexachlorobutadiene	20.000	19.209	4.0	85	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
91 M	Naphthalene	20.000	16.725	16.4	68	0.00
92	1,2,3-Trichlorobenzene	20.000	14.449	27.8	74	0.00

(#) = Out of Range

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