

Data Path : W:\HPCHEM1\MSVOA X\Data\VX053018\
 Data File : VX002134.D
 Acq On : 30 May 2018 11:33
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC020

Quant Time: May 31 05:15:25 2018
 Quant Method : W:\HPCHEM1\MSVOA X\METHOD\624X052518W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri May 25 02:17:15 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	19.854	0.7	93	0.00
3 M	Chloromethane	20.000	19.634	1.8	92	0.00
4 M	Vinyl Chloride	20.000	20.556	-2.8	95	0.00
5 M	Bromomethane	20.000	20.168	-0.8	88	0.00
6 M	Chloroethane	20.000	22.323	-11.6	102	0.00
7 M	Trichlorofluoromethane	20.000	23.001	-15.0	104	0.00
8 T	Diethyl Ether	20.000	22.269	-11.3	102	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	24.971	-24.9	114	0.00
10 M	1,1-Dichloroethene	20.000	22.055	-10.3	101	0.00
11	Methyl Iodide	20.000	11.450	42.8#	56	0.00
12	Methyl Acetate	20.000	22.858	-14.3	106	0.00
13 M	Acrolein	100.000	51.120	48.9#	49	0.00
14 M	Acrylonitrile	100.000	104.459	-4.5	96	0.00
15 M	Acetone	100.000	109.375	-9.4	100	0.00
16 M	Carbon Disulfide	20.000	18.354	8.2	85	0.00
17	Allyl chloride	20.000	22.731	-13.7	103	0.00
18 M	Methylene Chloride	20.000	22.122	-10.6	101	0.00
19 M	trans-1,2-Dichloroethene	20.000	21.784	-8.9	100	0.00
20 T	Diisopropyl ether	20.000	23.012	-15.1	106	-0.01
21 M	1,1-Dichloroethane	20.000	22.548	-12.7	103	0.00
22 M	cis-1,2-Dichloroethene	20.000	19.899	0.5	93	0.00
23 M	tert-Butyl Alcohol	100.000	97.182	2.8	88	-0.02
24 M	Methyl tert-Butyl Ether	20.000	21.715	-8.6	99	0.00
25 M	Chloroform	20.000	19.699	1.5	91	0.00
26	Cyclohexane	20.000	20.611	-3.1	95	0.00
27 s	1,2-Dichloroethane-d4	30.000	30.582	-1.9	92	-0.01
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	94	0.00
29	1,1-Dichloropropene	20.000	19.655	1.7	95	0.00
30 M	2-Butanone	100.000	86.719	13.3	83	-0.01
31	2,2-Dichloropropane	20.000	26.289	-31.4#	122	0.00
32 M	1,1,1-Trichloroethane	20.000	18.169	9.2	88	-0.01
33 M	Carbon Tetrachloride	20.000	17.418	12.9	83	0.00
34 M	Benzene	20.000	18.994	5.0	91	0.00
35	Methacrylonitrile	20.000	17.206	14.0	84	0.00
36 M	1,2-Dichloroethane	20.000	18.778	6.1	89	0.00
37 M	Trichloroethene	20.000	19.366	3.2	92	0.00
38	Methylcyclohexane	20.000	21.244	-6.2	103	0.00
39 M	1,2-Dichloropropane	20.000	19.321	3.4	92	0.00
40	Dibromomethane	20.000	18.501	7.5	88	0.00
41 M	Bromodichloromethane	20.000	17.188	14.1	82	0.00
42 M	Vinyl Acetate	100.000	107.242	-7.2	100	0.00
43	Ethyl Acetate	20.000	17.044	14.8	81	-0.01
44	Isopropyl Acetate	20.000	17.740	11.3	85	-0.02
45 T	1,4-Dioxane	400.000	345.356	13.7	83	0.00

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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)
46	Methyl methacrylate	20.000	17.689	11.6	85	0.00
47	n-amyl Acetate	20.000	18.003	10.0	89	0.00
48 M	t-1,3-Dichloropropene	20.000	18.747	6.3	90	0.00
49 T	cis-1,3-Dichloropropene	20.000	17.886	10.6	87	0.00
50 M	1,1,2-Trichloroethane	20.000	19.324	3.4	94	0.00
51	Ethyl methacrylate	20.000	18.048	9.8	87	0.00
52	1,3-Dichloropropane	20.000	19.127	4.4	92	0.00
53 M	Dibromochloromethane	20.000	16.224	18.9	80	0.00
54 M	1,2-Dibromoethane	20.000	18.379	8.1	89	0.00
55 M	2-Chloroethyl vinyl ether	100.000	117.069	-17.1	107	0.00
56 M	Bromoform	20.000	14.263	28.7	72	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	96	0.00
58 M	4-Methyl-2-Pentanone	100.000	88.906	11.1	85	0.00
59 M	2-Hexanone	100.000	88.719	11.3	86	0.00
60 S	4-Bromofluorobenzene	30.000	29.407	2.0	96	0.00
61 M	Tetrachloroethene	20.000	19.101	4.5	92	0.00
62 M	Toluene	20.000	19.632	1.8	96	0.00
63 S	Toluene-d8	30.000	30.055	-0.2	96	0.00
64 M	Chlorobenzene	20.000	19.550	2.2	96	0.00
65	1,1,1,2-Tetrachloroethane	20.000	17.912	10.4	88	0.00
66 M	Ethyl Benzene	20.000	19.682	1.6	97	0.00
67 M	m/p-Xylenes	40.000	39.627	0.9	98	0.00
68 M	o-Xylene	20.000	19.504	2.5	96	0.00
69 M	Styrene	20.000	18.928	5.4	95	0.00
70	Isopropylbenzene	20.000	19.982	0.1	99	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	18.396	8.0	93	0.00
72	1,2,3-Trichloropropane	20.000	17.701	11.5	79	0.00
73	Bromobenzene	20.000	19.399	3.0	98	0.00
74	n-propylbenzene	20.000	20.571	-2.9	102	0.00
75	2-Chlorotoluene	20.000	19.629	1.9	98	0.00
76	1,3,5-Trimethylbenzene	20.000	19.973	0.1	99	0.00
77	t-1,4-Dichloro-2-butene	20.000	15.947	20.3	80	0.00
78	4-Chlorotoluene	20.000	20.014	-0.1	102	0.00
79	tert-butylbenzene	20.000	20.645	-3.2	104	0.00
80	1,2,4-Trimethylbenzene	20.000	20.134	-0.7	100	0.00
81	sec-Butylbenzene	20.000	20.623	-3.1	102	0.00
82	p-Isopropyltoluene	20.000	20.645	-3.2	104	0.00
83 M	1,3-Dichlorobenzene	20.000	19.831	0.8	102	0.00
84 M	1,4-Dichlorobenzene	20.000	20.354	-1.8	106	0.00
85	n-Butylbenzene	20.000	21.331	-6.7	110	0.00
86 T	Hexachloroethane	20.000	15.482	22.6	78	0.00
87 M	1,2-Dichlorobenzene	20.000	19.545	2.3	101	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	14.750	26.3	75	0.00
89	1,2,4-Trichlorobenzene	20.000	20.643	-3.2	110	0.00
90	Hexachlorobutadiene	20.000	20.774	-3.9	108	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
91 M	Naphthalene	20.000	19.031	4.8	96	0.00
92	1,2,3-Trichlorobenzene	20.000	19.682	1.6	102	0.00

(#) = Out of Range

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