

Data Path : W:\HPCHEM1\MSVOA X\Data\VX051118\
 Data File : VX001634.D
 Acq On : 11 May 2018 11:13
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC020

Quant Time: May 11 12:25:39 2018
 Quant Method : W:\HPCHEM1\MSVOA X\METHOD\624X051118W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri May 11 07:16:13 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	104	0.00
2 M	Dichlorodifluoromethane	20.000	23.779	-18.9	106	0.00
3 M	Chloromethane	20.000	19.911	0.4	93	0.00
4 M	Vinyl Chloride	20.000	20.169	-0.8	94	0.00
5 M	Bromomethane	20.000	21.815	-9.1	84	0.00
6 M	Chloroethane	20.000	20.596	-3.0	96	0.00
7 M	Trichlorofluoromethane	20.000	22.975	-14.9	107	0.00
8 T	Diethyl Ether	20.000	20.388	-1.9	97	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	24.498	-22.5	112	0.00
10 M	1,1-Dichloroethene	20.000	21.008	-5.0	100	0.00
11	Methyl Iodide	20.000	10.148	49.3#	52	0.00
12	Methyl Acetate	20.000	20.533	-2.7	99	0.00
13 M	Acrolein	100.000	18.195	81.8#	19	0.00
14 M	Acrylonitrile	100.000	91.985	8.0	89	0.00
15 M	Acetone	100.000	114.166	-14.2	110	0.00
16 M	Carbon Disulfide	20.000	19.740	1.3	98	0.00
17	Allyl chloride	20.000	20.812	-4.1	100	0.00
18 M	Methylene Chloride	20.000	20.590	-2.9	99	0.00
19 M	trans-1,2-Dichloroethene	20.000	20.316	-1.6	98	0.00
20 T	Diisopropyl ether	20.000	20.811	-4.1	103	0.00
21 M	1,1-Dichloroethane	20.000	19.683	1.6	94	0.00
22 M	cis-1,2-Dichloroethene	20.000	20.923	-4.6	102	0.00
23 M	tert-Butyl Alcohol	100.000	86.139	13.9	84	0.00
24 M	Methyl tert-Butyl Ether	20.000	20.738	-3.7	99	0.00
25 M	Chloroform	20.000	21.004	-5.0	102	0.00
26	Cyclohexane	20.000	23.797	-19.0	114	0.00
27 s	1,2-Dichloroethane-d4	30.000	29.731	0.9	101	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	109	0.00
29	1,1-Dichloropropene	20.000	21.084	-5.4	106	0.00
30 M	2-Butanone	100.000	94.317	5.7	95	0.00
31	2,2-Dichloropropane	20.000	28.300	-41.5#	143	0.00
32 M	1,1,1-Trichloroethane	20.000	21.293	-6.5	106	0.00
33 M	Carbon Tetrachloride	20.000	21.265	-6.3	107	0.00
34 M	Benzene	20.000	19.972	0.1	101	0.00
35	Methacrylonitrile	20.000	18.580	7.1	95	0.00
36 M	1,2-Dichloroethane	20.000	20.261	-1.3	101	0.00
37 M	Trichloroethene	20.000	20.828	-4.1	104	0.00
38	Methylcyclohexane	20.000	24.027	-20.1	121	0.00
39 M	1,2-Dichloropropane	20.000	20.224	-1.1	103	0.00
40	Dibromomethane	20.000	19.871	0.6	100	0.00
41 M	Bromodichloromethane	20.000	19.885	0.6	102	0.00
42 M	Vinyl Acetate	100.000	97.736	2.3	100	0.00
43	Ethyl Acetate	20.000	18.510	7.4	94	0.00
44	Isopropyl Acetate	20.000	18.705	6.5	98	0.00
45 T	1,4-Dioxane	400.000	329.467	17.6	85	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
46	Methyl methacrylate	20.000	18.849	5.8	98	0.00
47	n-amyl Acetate	20.000	19.169	4.2	101	0.00
48 M	t-1,3-Dichloropropene	20.000	20.631	-3.2	108	0.00
49 T	cis-1,3-Dichloropropene	20.000	20.627	-3.1	110	0.00
50 M	1,1,2-Trichloroethane	20.000	20.166	-0.8	100	0.00
51	Ethyl methacrylate	20.000	19.257	3.7	102	0.00
52	1,3-Dichloropropane	20.000	19.925	0.4	100	0.00
53 M	Dibromochloromethane	20.000	19.628	1.9	102	0.00
54 M	1,2-Dibromoethane	20.000	19.674	1.6	97	0.00
55 M	2-Chloroethyl vinyl ether	100.000	94.244	5.8	96	0.00
56 M	Bromoform	20.000	18.632	6.8	102	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	109	0.00
58 M	4-Methyl-2-Pentanone	100.000	92.516	7.5	94	0.00
59 M	2-Hexanone	100.000	92.615	7.4	94	0.00
60 S	4-Bromofluorobenzene	30.000	30.118	-0.4	109	0.00
61 M	Tetrachloroethene	20.000	21.600	-8.0	107	0.00
62 M	Toluene	20.000	20.662	-3.3	105	0.00
63 S	Toluene-d8	30.000	29.664	1.1	107	0.00
64 M	Chlorobenzene	20.000	20.908	-4.5	105	0.00
65	1,1,1,2-Tetrachloroethane	20.000	20.037	-0.2	102	0.00
66 M	Ethyl Benzene	20.000	21.852	-9.3	110	0.00
67 M	m/p-Xylenes	40.000	43.940	-9.8	110	0.00
68 M	o-Xylene	20.000	21.217	-6.1	108	0.00
69 M	Styrene	20.000	20.887	-4.4	106	0.00
70	Isopropylbenzene	20.000	22.472	-12.4	111	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	19.071	4.6	98	0.00
72	1,2,3-Trichloropropane	20.000	19.190	4.0	97	0.00
73	Bromobenzene	20.000	20.621	-3.1	105	0.00
74	n-propylbenzene	20.000	22.857	-14.3	113	0.00
75	2-Chlorotoluene	20.000	21.875	-9.4	109	0.00
76	1,3,5-Trimethylbenzene	20.000	22.446	-12.2	112	0.00
77	t-1,4-Dichloro-2-butene	20.000	19.153	4.2	107	0.00
78	4-Chlorotoluene	20.000	22.281	-11.4	112	0.00
79	tert-butylbenzene	20.000	23.579	-17.9	117	0.00
80	1,2,4-Trimethylbenzene	20.000	22.555	-12.8	112	0.00
81	sec-Butylbenzene	20.000	23.656	-18.3	118	0.00
82	p-Isopropyltoluene	20.000	23.579	-17.9	117	0.00
83 M	1,3-Dichlorobenzene	20.000	21.460	-7.3	110	0.00
84 M	1,4-Dichlorobenzene	20.000	21.536	-7.7	110	0.00
85	n-Butylbenzene	20.000	23.955	-19.8	124	0.00
86 T	Hexachloroethane	20.000	21.432	-7.2	113	0.00
87 M	1,2-Dichlorobenzene	20.000	21.101	-5.5	108	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	18.323	8.4	97	0.00
89	1,2,4-Trichlorobenzene	20.000	21.847	-9.2	115	0.00
90	Hexachlorobutadiene	20.000	23.568	-17.8	119	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
91 M	Naphthalene	20.000	19.831	0.8	103	0.00
92	1,2,3-Trichlorobenzene	20.000	21.285	-6.4	111	0.00

(#) = Out of Range

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