

Data Path : W:\HPCHEM1\MSVOA X\Data\VX052918\
 Data File : VX002107.D
 Acq On : 29 May 2018 21:33
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC050

Quant Time: May 30 08:13:02 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X052418W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 24 13:09:03 2018
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 20% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1 I	Pentafluorobenzene	50.000	50.000	0.0	97	0.00
2 T	Dichlorodifluoromethane	50.000	42.017	16.0	79	0.00
3 P	Chloromethane	50.000	44.080	11.8	89	0.00
4 C	Vinyl Chloride	50.000	45.558	8.9#	92	0.00
5 T	Bromomethane	50.000	46.844	6.3	90	0.00
6 T	Chloroethane	50.000	49.990	0.0	101	0.00
7 T	Trichlorofluoromethane	50.000	48.383	3.2	97	0.00
8 T	Diethyl Ether	50.000	51.086	-2.2	101	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	48.161	3.7	98	0.00
10 T	Methyl Iodide	50.000	43.265	13.5	77	0.00
11 T	Tert butyl alcohol	250.000	236.586	5.4	93	0.00
12 CM	1,1-Dichloroethene	50.000	49.034	1.9#	100	0.00
13 T	Acrolein	250.000	214.882	14.0	92	0.00
14 T	Allyl chloride	50.000	48.594	2.8	97	0.00
15 T	Acrylonitrile	250.000	247.959	0.8	98	0.00
16 T	Acetone	250.000	236.133	5.5	95	0.00
17 T	Carbon Disulfide	50.000	45.902	8.2	92	0.00
18 T	Methyl Acetate	50.000	53.348	-6.7	100	0.00
19 T	Methyl tert-butyl Ether	50.000	50.256	-0.5	100	0.00
20 T	Methylene Chloride	50.000	54.352	-8.7	102	0.00
21 T	trans-1,2-Dichloroethene	50.000	53.484	-7.0	99	0.00
22 T	Diisopropyl ether	50.000	48.153	3.7	93	0.00
23 T	Vinyl Acetate	250.000	254.217	-1.7	100	0.00
24 P	1,1-Dichloroethane	50.000	49.857	0.3	99	0.00
25 T	2-Butanone	250.000	218.967	12.4	85	0.00
26 T	2,2-Dichloropropane	50.000	36.858	26.3#	75	0.00
27 T	cis-1,2-Dichloroethene	50.000	45.924	8.2	92	0.00
28 T	Bromochloromethane	50.000	62.636	-25.3#	114	0.00
29 T	Tetrahydrofuran	250.000	220.743	11.7	87	0.00
30 C	Chloroform	50.000	45.244	9.5#	92	0.00
31 T	Cyclohexane	50.000	44.570	10.9	91	0.00
32 T	1,1,1-Trichloroethane	50.000	44.723	10.6	89	0.00
33 S	1,2-Dichloroethane-d4	50.000	41.627	16.7	82	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	97	0.00
35 S	Dibromofluoromethane	50.000	40.992	18.0	82	0.00
36 T	1,1-Dichloropropene	50.000	45.176	9.6	92	0.00
37 T	Ethyl Acetate	50.000	43.881	12.2	88	0.00
38 T	Carbon Tetrachloride	50.000	42.367	15.3	86	0.00
39 T	Methylcyclohexane	50.000	44.075	11.8	90	0.00
40 TM	Benzene	50.000	46.214	7.6	92	0.00
41 T	Methacrylonitrile	50.000	46.666	6.7	89	0.00
42 TM	1,2-Dichloroethane	50.000	45.414	9.2	93	0.00
43 T	Isopropyl Acetate	50.000	44.945	10.1	89	0.00
44 TM	Trichloroethene	50.000	45.743	8.5	92	0.00
45 C	1,2-Dichloropropane	50.000	46.268	7.5#	94	0.00

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Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 20% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
46 T	Dibromomethane	50.000	45.669	8.7	91	0.00
47 T	Bromodichloromethane	50.000	42.268	15.5	86	0.00
48 T	Methyl methacrylate	50.000	44.764	10.5	90	0.00
49 T	1,4-Dioxane	1000.000	828.017	17.2	81	0.00
50 S	Toluene-d8	50.000	41.025	18.0	80	0.00
51 T	4-Methyl-2-Pentanone	250.000	227.067	9.2	90	0.00
52 CM	Toluene	50.000	45.752	8.5#	92	0.00
53 T	t-1,3-Dichloropropene	50.000	43.480	13.0	86	0.00
54 T	cis-1,3-Dichloropropene	50.000	42.826	14.3	85	0.00
55 T	1,1,2-Trichloroethane	50.000	44.729	10.5	92	0.00
56 T	Ethyl methacrylate	50.000	44.204	11.6	91	0.00
57 T	1,3-Dichloropropane	50.000	45.739	8.5	92	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	222.051	11.2	90	0.00
59 T	2-Hexanone	250.000	223.256	10.7	88	0.00
60 T	Dibromochloromethane	50.000	42.217	15.6	84	0.00
61 T	1,2-Dibromoethane	50.000	45.322	9.4	91	0.00
62 S	4-Bromofluorobenzene	50.000	41.605	16.8	81	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	97	0.00
64 T	Tetrachloroethene	50.000	47.294	5.4	96	0.00
65 PM	Chlorobenzene	50.000	45.681	8.6	92	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	43.628	12.7	89	0.00
67 C	Ethyl Benzene	50.000	46.266	7.5#	92	0.00
68 T	m/p-Xylenes	100.000	92.638	7.4	93	0.00
69 T	o-Xylene	50.000	45.798	8.4	93	0.00
70 T	Styrene	50.000	45.558	8.9	91	0.00
71 P	Bromoform	50.000	39.561	20.9#	78	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	94	0.00
73 T	Isopropylbenzene	50.000	45.950	8.1	91	0.00
74 T	N-amyl acetate	50.000	51.234	-2.5	89	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	49.167	1.7	91	0.00
76 T	1,2,3-Trichloropropane	50.000	51.588	-3.2	106	0.00
77 T	Bromobenzene	50.000	46.347	7.3	92	0.00
78 T	n-propylbenzene	50.000	46.804	6.4	92	0.00
79 T	2-Chlorotoluene	50.000	51.140	-2.3	92	0.00
80 T	1,3,5-Trimethylbenzene	50.000	45.955	8.1	91	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	37.642	24.7#	77	0.00
82 T	4-Chlorotoluene	50.000	46.117	7.8	91	0.00
83 T	tert-Butylbenzene	50.000	44.701	10.6	90	0.00
84 T	1,2,4-Trimethylbenzene	50.000	45.833	8.3	92	0.00
85 T	sec-Butylbenzene	50.000	46.047	7.9	91	0.00
86 T	p-Isopropyltoluene	50.000	45.787	8.4	90	0.00
87 T	1,3-Dichlorobenzene	50.000	45.965	8.1	91	0.00
88 T	1,4-Dichlorobenzene	50.000	46.185	7.6	91	0.00
89 T	n-Butylbenzene	50.000	46.636	6.7	89	0.00

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Max. RRF Dev : 20% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	50.000	40.010	20.0	79	0.00
91 T	1,2-Dichlorobenzene	50.000	46.166	7.7	91	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	40.757	18.5	81	0.00
93 T	1,2,4-Trichlorobenzene	50.000	46.241	7.5	89	0.00
94 T	Hexachlorobutadiene	50.000	45.140	9.7	88	0.00
95 T	Naphthalene	50.000	46.463	7.1	90	0.00
96 T	1,2,3-Trichlorobenzene	50.000	45.617	8.8	89	0.00

(#) = Out of Range

SPCC's out = 0 CCC's out = 6