

Data Path : Z:\voasrv\HPCHEM1\MSVOA X\Data\VX071818\
 Data File : VX003439.D
 Acq On : 18 Jul 2018 11:05
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC050

Quant Time: Jul 18 14:00:22 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071618W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 16 13:15:28 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	117	0.00
2 T	Dichlorodifluoromethane	50.000	51.383	-2.8	122	0.00
3 P	Chloromethane	50.000	43.851	12.3	111	0.00
4 C	Vinyl Chloride	50.000	44.599	10.8#	111	0.00
5 T	Bromomethane	50.000	46.593	6.8	102	0.00
6 T	Chloroethane	50.000	47.294	5.4	106	0.00
7 T	Trichlorofluoromethane	50.000	46.748	6.5	117	0.00
8 T	Diethyl Ether	50.000	44.848	10.3	114	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	46.413	7.2	119	0.00
10 T	Methyl Iodide	50.000	47.633	4.7	108	0.00
11 T	Tert butyl alcohol	250.000	194.292	22.3#	97	-0.02
12 CM	1,1-Dichloroethene	50.000	45.390	9.2#	115	0.00
13 T	Acrolein	250.000	131.158	47.5#	69	0.00
14 T	Allyl chloride	50.000	45.257	9.5	114	0.00
15 T	Acrylonitrile	250.000	203.175	18.7	104	0.00
16 T	Acetone	250.000	195.222	21.9#	100	0.00
17 T	Carbon Disulfide	50.000	42.645	14.7	109	0.00
18 T	Methyl Acetate	50.000	49.236	1.5	115	0.00
19 T	Methyl tert-butyl Ether	50.000	47.122	5.8	118	0.00
20 T	Methylene Chloride	50.000	56.042	-12.1	117	0.00
21 T	trans-1,2-Dichloroethene	50.000	43.961	12.1	112	0.00
22 T	Diisopropyl ether	50.000	44.896	10.2	117	0.00
23 T	Vinyl Acetate	250.000	219.340	12.3	113	0.00
24 P	1,1-Dichloroethane	50.000	44.846	10.3	114	0.00
25 T	2-Butanone	250.000	198.196	20.7#	97	-0.02
26 T	2,2-Dichloropropane	50.000	50.766	-1.5	129	0.00
27 T	cis-1,2-Dichloroethene	50.000	45.210	9.6	111	-0.01
28 T	Bromochloromethane	50.000	46.591	6.8	118	0.00
29 T	Tetrahydrofuran	250.000	198.282	20.7#	95	-0.02
30 C	Chloroform	50.000	45.684	8.6#	111	0.00
31 T	Cyclohexane	50.000	47.532	4.9	112	0.00
32 T	1,1,1-Trichloroethane	50.000	46.577	6.8	112	0.00
33 S	1,2-Dichloroethane-d4	50.000	40.639	18.7	104	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	110	0.00
35 S	Dibromofluoromethane	50.000	45.464	9.1	104	0.00
36 T	1,1-Dichloropropene	50.000	50.238	-0.5	112	0.00
37 T	Ethyl Acetate	50.000	43.145	13.7	101	-0.02
38 T	Carbon Tetrachloride	50.000	50.123	-0.2	111	0.00
39 T	Methylcyclohexane	50.000	49.554	0.9	109	0.00
40 TM	Benzene	50.000	47.982	4.0	105	0.00
41 T	Methacrylonitrile	50.000	46.192	7.6	104	-0.01
42 TM	1,2-Dichloroethane	50.000	46.116	7.8	107	0.00
43 T	Isopropyl Acetate	50.000	44.971	10.1	101	-0.01
44 TM	Trichloroethene	50.000	48.616	2.8	105	0.00
45 C	1,2-Dichloropropane	50.000	47.456	5.1#	105	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	46.307	7.4	103	0.00
47 T	Bromodichloromethane	50.000	48.594	2.8	106	0.00
48 T	Methyl methacrylate	50.000	46.669	6.7	102	0.00
49 T	1,4-Dioxane	1000.000	831.201	16.9	88	-0.01
50 S	Toluene-d8	50.000	45.135	9.7	100	0.00
51 T	4-Methyl-2-Pentanone	250.000	224.067	10.4	97	0.00
52 CM	Toluene	50.000	48.096	3.8#	103	0.00
53 T	t-1,3-Dichloropropene	50.000	51.129	-2.3	107	0.00
54 T	cis-1,3-Dichloropropene	50.000	50.951	-1.9	107	0.00
55 T	1,1,2-Trichloroethane	50.000	47.316	5.4	103	0.00
56 T	Ethyl methacrylate	50.000	48.838	2.3	103	0.00
57 T	1,3-Dichloropropane	50.000	47.939	4.1	104	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	212.098	15.2	88	0.00
59 T	2-Hexanone	250.000	219.662	12.1	95	0.00
60 T	Dibromochloromethane	50.000	49.606	0.8	104	0.00
61 T	1,2-Dibromoethane	50.000	47.268	5.5	102	0.00
62 S	4-Bromofluorobenzene	50.000	46.880	6.2	103	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	110	0.00
64 T	Tetrachloroethene	50.000	49.267	1.5	106	0.00
65 PM	Chlorobenzene	50.000	47.808	4.4	104	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	49.059	1.9	104	0.00
67 C	Ethyl Benzene	50.000	49.613	0.8#	106	0.00
68 T	m/p-Xylenes	100.000	100.218	-0.2	105	0.00
69 T	o-Xylene	50.000	50.345	-0.7	104	0.00
70 T	Styrene	50.000	50.624	-1.2	104	0.00
71 P	Bromoform	50.000	48.187	3.6	99	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	116	0.00
73 T	Isopropylbenzene	50.000	47.015	6.0	106	0.00
74 T	N-amyl acetate	50.000	40.965	18.1	101	-0.01
75 P	1,1,2,2-Tetrachloroethane	50.000	41.898	16.2	100	0.00
76 T	1,2,3-Trichloropropane	50.000	43.962	12.1	104	0.00
77 T	Bromobenzene	50.000	44.909	10.2	103	0.00
78 T	n-propylbenzene	50.000	48.413	3.2	109	0.00
79 T	2-Chlorotoluene	50.000	46.040	7.9	107	0.00
80 T	1,3,5-Trimethylbenzene	50.000	48.231	3.5	107	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	47.852	4.3	104	0.00
82 T	4-Chlorotoluene	50.000	46.794	6.4	108	0.00
83 T	tert-Butylbenzene	50.000	47.668	4.7	106	0.00
84 T	1,2,4-Trimethylbenzene	50.000	47.786	4.4	106	0.00
85 T	sec-Butylbenzene	50.000	48.478	3.0	108	0.00
86 T	p-Isopropyltoluene	50.000	51.569	-3.1	113	0.00
87 T	1,3-Dichlorobenzene	50.000	46.846	6.3	109	0.00
88 T	1,4-Dichlorobenzene	50.000	47.000	6.0	111	0.00
89 T	n-Butylbenzene	50.000	51.023	-2.0	114	0.00

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90 T	Hexachloroethane	50.000	46.977	6.0	107	0.00
91 T	1,2-Dichlorobenzene	50.000	45.900	8.2	106	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	42.293	15.4	96	0.00
93 T	1,2,4-Trichlorobenzene	50.000	51.885	-3.8	114	0.00
94 T	Hexachlorobutadiene	50.000	52.240	-4.5	117	0.00
95 T	Naphthalene	50.000	49.579	0.8	104	0.00
96 T	1,2,3-Trichlorobenzene	50.000	49.717	0.6	110	0.00

(#) = Out of Range

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