

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\ VX101018\
 Data File : VX005227.D
 Acq On : 11 Oct 2018 00:29
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC050

Quant Time: Oct 11 07:55:29 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 03 04:00:03 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	77	0.00
2 T	Dichlorodifluoromethane	50.000	52.240	-4.5	68	0.00
3 P	Chloromethane	50.000	47.997	4.0	69	0.00
4 C	Vinyl Chloride	50.000	49.656	0.7#	71	0.00
5 T	Bromomethane	50.000	50.094	-0.2	74	0.00
6 T	Chloroethane	50.000	52.985	-6.0	76	0.00
7 T	Trichlorofluoromethane	50.000	52.362	-4.7	73	0.00
8 T	Diethyl Ether	50.000	46.723	6.6	74	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	49.676	0.6	79	0.00
10 T	Methyl Iodide	50.000	46.343	7.3	61	0.00
11 T	Tert butyl alcohol	250.000	261.159	-4.5	79	0.00
12 CM	1,1-Dichloroethene	50.000	49.039	1.9#	78	0.00
13 T	Acrolein	250.000	170.414	31.8#	54	0.00
14 T	Allyl chloride	50.000	48.909	2.2	73	0.00
15 T	Acrylonitrile	250.000	252.942	-1.2	74	0.00
16 T	Acetone	250.000	239.141	4.3	71	0.00
17 T	Carbon Disulfide	50.000	47.896	4.2	72	0.00
18 T	Methyl Acetate	50.000	54.376	-8.8	84	0.00
19 T	Methyl tert-butyl Ether	50.000	51.478	-3.0	80	0.00
20 T	Methylene Chloride	50.000	49.830	0.3	68	0.00
21 T	trans-1,2-Dichloroethene	50.000	47.724	4.6	71	0.00
22 T	Diisopropyl ether	50.000	47.859	4.3	71	0.00
23 T	Vinyl Acetate	250.000	235.023	6.0	68	0.00
24 P	1,1-Dichloroethane	50.000	47.919	4.2	71	0.00
25 T	2-Butanone	250.000	235.263	5.9	71	0.00
26 T	2,2-Dichloropropane	50.000	36.269	27.5#	56	0.00
27 T	cis-1,2-Dichloroethene	50.000	44.675	10.7	66	0.00
28 T	Bromochloromethane	50.000	35.681	28.6#	56	0.00
29 T	Tetrahydrofuran	250.000	246.480	1.4	71	0.00
30 C	Chloroform	50.000	45.436	9.1#	73	0.00
31 T	Cyclohexane	50.000	50.279	-0.6	69	0.00
32 T	1,1,1-Trichloroethane	50.000	48.393	3.2	74	0.00
33 S	1,2-Dichloroethane-d4	50.000	36.580	26.8#	53	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	77	0.00
35 S	Dibromofluoromethane	50.000	35.064	29.9#	52	0.00
36 T	1,1-Dichloropropene	50.000	45.060	9.9	71	0.00
37 T	Ethyl Acetate	50.000	46.197	7.6	71	0.00
38 T	Carbon Tetrachloride	50.000	45.150	9.7	71	0.00
39 T	Methylcyclohexane	50.000	50.810	-1.6	80	0.00
40 TM	Benzene	50.000	43.377	13.2	70	0.00
41 T	Methacrylonitrile	50.000	45.277	9.4	67	0.00
42 TM	1,2-Dichloroethane	50.000	44.491	11.0	71	0.00
43 T	Isopropyl Acetate	50.000	47.739	4.5	69	0.00
44 TM	Trichloroethene	50.000	47.202	5.6	80	0.00
45 C	1,2-Dichloropropane	50.000	47.430	5.1#	78	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	48.660	2.7	81	0.00
47 T	Bromodichloromethane	50.000	50.813	-1.6	83	0.00
48 T	Methyl methacrylate	50.000	54.187	-8.4	82	0.00
49 T	1,4-Dioxane	1000.000	1037.561	-3.8	78	0.00
50 S	Toluene-d8	50.000	38.469	23.1#	63	0.00
51 T	4-Methyl-2-Pentanone	250.000	265.825	-6.3	82	0.00
52 CM	Toluene	50.000	49.491	1.0#	76	0.00
53 T	t-1,3-Dichloropropene	50.000	48.488	3.0	71	0.00
54 T	cis-1,3-Dichloropropene	50.000	50.137	-0.3	78	0.00
55 T	1,1,2-Trichloroethane	50.000	47.140	5.7	73	0.00
56 T	Ethyl methacrylate	50.000	46.045	7.9	75	0.00
57 T	1,3-Dichloropropane	50.000	47.058	5.9	71	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	191.170	23.5#	61	0.00
59 T	2-Hexanone	250.000	256.816	-2.7	74	0.00
60 T	Dibromochloromethane	50.000	50.189	-0.4	71	0.00
61 T	1,2-Dibromoethane	50.000	45.953	8.1	67	0.00
62 S	4-Bromofluorobenzene	50.000	40.982	18.0	67	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	81	0.00
64 T	Tetrachloroethene	50.000	46.606	6.8	74	0.00
65 PM	Chlorobenzene	50.000	46.252	7.5	76	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	48.325	3.3	80	0.00
67 C	Ethyl Benzene	50.000	49.951	0.1#	82	0.00
68 T	m/p-Xylenes	100.000	99.475	0.5	78	0.00
69 T	o-Xylene	50.000	51.948	-3.9	83	0.00
70 T	Styrene	50.000	47.572	4.9	83	0.00
71 P	Bromoform	50.000	50.735	-1.5	80	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	82	0.00
73 T	Isopropylbenzene	50.000	57.663	-15.3	84	0.00
74 T	N-amyl acetate	50.000	50.573	-1.1	83	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	50.201	-0.4	83	0.00
76 T	1,2,3-Trichloropropane	50.000	52.444	-4.9	83	0.00
77 T	Bromobenzene	50.000	53.174	-6.3	83	0.00
78 T	n-propylbenzene	50.000	57.780	-15.6	84	0.00
79 T	2-Chlorotoluene	50.000	55.207	-10.4	83	0.00
80 T	1,3,5-Trimethylbenzene	50.000	53.727	-7.5	84	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	42.116	15.8	73	0.00
82 T	4-Chlorotoluene	50.000	55.500	-11.0	83	0.00
83 T	tert-Butylbenzene	50.000	59.805	-19.6	88	0.00
84 T	1,2,4-Trimethylbenzene	50.000	54.017	-8.0	84	0.00
85 T	sec-Butylbenzene	50.000	59.064	-18.1	87	0.00
86 T	p-Isopropyltoluene	50.000	58.616	-17.2	86	0.00
87 T	1,3-Dichlorobenzene	50.000	52.950	-5.9	83	0.00
88 T	1,4-Dichlorobenzene	50.000	51.821	-3.6	83	0.00
89 T	n-Butylbenzene	50.000	56.465	-12.9	84	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	50.000	56.891	-13.8	93	0.00
91 T	1,2-Dichlorobenzene	50.000	51.314	-2.6	83	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	56.851	-13.7	92	0.00
93 T	1,2,4-Trichlorobenzene	50.000	55.953	-11.9	86	0.00
94 T	Hexachlorobutadiene	50.000	52.463	-4.9	87	0.00
95 T	Naphthalene	50.000	53.370	-6.7	85	0.00
96 T	1,2,3-Trichlorobenzene	50.000	56.524	-13.0	87	0.00

(#) = Out of Range

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