

Data Path : Z:\voasrv\HPCHEM1\MSVOA X\Data\VX061818\
 Data File : VX002708.D
 Acq On : 19 Jun 2018 05:00
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC050

Quant Time: Jun 19 07:16:25 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061518W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 16 01:37:33 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	87	0.00
2 T	Dichlorodifluoromethane	50.000	41.496	17.0	76	0.00
3 P	Chloromethane	50.000	40.577	18.8	75	0.00
4 C	Vinyl Chloride	50.000	43.281	13.4#	77	0.00
5 T	Bromomethane	50.000	37.411	25.2#	74	0.00
6 T	Chloroethane	50.000	46.275	7.5	84	0.00
7 T	Trichlorofluoromethane	50.000	48.186	3.6	83	0.00
8 T	Diethyl Ether	50.000	45.778	8.4	84	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	47.964	4.1	83	0.00
10 T	Methyl Iodide	50.000	37.902	24.2#	68	0.00
11 T	Tert butyl alcohol	250.000	231.951	7.2	86	0.00
12 CM	1,1-Dichloroethene	50.000	45.269	9.5#	80	0.00
13 T	Acrolein	250.000	76.674	69.3#	26	0.00
14 T	Allyl chloride	50.000	43.689	12.6	78	0.00
15 T	Acrylonitrile	250.000	242.718	2.9	88	0.00
16 T	Acetone	250.000	266.343	-6.5	100	0.00
17 T	Carbon Disulfide	50.000	45.891	8.2	79	0.00
18 T	Methyl Acetate	50.000	53.270	-6.5	96	0.00
19 T	Methyl tert-butyl Ether	50.000	47.128	5.7	85	0.00
20 T	Methylene Chloride	50.000	44.466	11.1	86	0.00
21 T	trans-1,2-Dichloroethene	50.000	45.557	8.9	82	0.00
22 T	Diisopropyl ether	50.000	46.767	6.5	86	0.00
23 T	Vinyl Acetate	250.000	177.091	29.2#	64	0.00
24 P	1,1-Dichloroethane	50.000	50.564	-1.1	98	0.00
25 T	2-Butanone	250.000	258.951	-3.6	94	0.00
26 T	2,2-Dichloropropane	50.000	28.212	43.6#	49	0.00
27 T	cis-1,2-Dichloroethene	50.000	48.190	3.6	88	0.00
28 T	Bromochloromethane	50.000	50.009	-0.0	87	0.00
29 T	Tetrahydrofuran	250.000	250.203	-0.1	90	0.00
30 C	Chloroform	50.000	50.942	-1.9#	90	0.00
31 T	Cyclohexane	50.000	48.332	3.3	84	0.00
32 T	1,1,1-Trichloroethane	50.000	52.245	-4.5	89	0.00
33 S	1,2-Dichloroethane-d4	50.000	48.234	3.5	89	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	85	0.00
35 S	Dibromofluoromethane	50.000	51.057	-2.1	90	0.00
36 T	1,1-Dichloropropene	50.000	49.888	0.2	85	0.00
37 T	Ethyl Acetate	50.000	50.392	-0.8	89	0.00
38 T	Carbon Tetrachloride	50.000	55.134	-10.3	90	0.00
39 T	Methylcyclohexane	50.000	49.217	1.6	81	0.00
40 TM	Benzene	50.000	49.337	1.3	86	0.00
41 T	Methacrylonitrile	50.000	51.650	-3.3	91	0.00
42 TM	1,2-Dichloroethane	50.000	50.929	-1.9	89	0.00
43 T	Isopropyl Acetate	50.000	50.205	-0.4	87	0.00
44 TM	Trichloroethene	50.000	52.888	-5.8	91	0.00
45 C	1,2-Dichloropropane	50.000	49.718	0.6#	87	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	52.940	-5.9	91	0.00
47 T	Bromodichloromethane	50.000	55.582	-11.2	92	0.00
48 T	Methyl methacrylate	50.000	50.763	-1.5	88	0.00
49 T	1,4-Dioxane	1000.000	1063.825	-6.4	94	0.00
50 S	Toluene-d8	50.000	50.313	-0.6	86	0.00
51 T	4-Methyl-2-Pentanone	250.000	264.931	-6.0	91	0.00
52 CM	Toluene	50.000	50.967	-1.9#	87	0.00
53 T	t-1,3-Dichloropropene	50.000	45.448	9.1	81	0.00
54 T	cis-1,3-Dichloropropene	50.000	44.129	11.7	80	0.00
55 T	1,1,2-Trichloroethane	50.000	53.417	-6.8	91	0.00
56 T	Ethyl methacrylate	50.000	52.044	-4.1	87	0.00
57 T	1,3-Dichloropropane	50.000	50.927	-1.9	89	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	246.966	1.2	85	0.00
59 T	2-Hexanone	250.000	269.684	-7.9	91	0.00
60 T	Dibromochloromethane	50.000	49.812	0.4	93	0.00
61 T	1,2-Dibromoethane	50.000	53.937	-7.9	90	0.00
62 S	4-Bromofluorobenzene	50.000	50.792	-1.6	87	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	85	0.00
64 T	Tetrachloroethene	50.000	68.362	-36.7#	118	0.00
65 PM	Chlorobenzene	50.000	50.725	-1.5	88	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	56.294	-12.6	93	0.00
67 C	Ethyl Benzene	50.000	51.304	-2.6#	87	0.00
68 T	m/p-Xylenes	100.000	103.157	-3.2	87	0.00
69 T	o-Xylene	50.000	51.634	-3.3	89	0.00
70 T	Styrene	50.000	52.974	-5.9	88	0.00
71 P	Bromoform	50.000	48.859	2.3	96	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	86	0.00
73 T	Isopropylbenzene	50.000	50.505	-1.0	88	0.00
74 T	N-amyl acetate	50.000	47.211	5.6	87	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	48.592	2.8	88	0.00
76 T	1,2,3-Trichloropropane	50.000	52.742	-5.5	100	0.00
77 T	Bromobenzene	50.000	50.470	-0.9	91	0.00
78 T	n-propylbenzene	50.000	49.832	0.3	87	0.00
79 T	2-Chlorotoluene	50.000	49.705	0.6	89	0.00
80 T	1,3,5-Trimethylbenzene	50.000	50.447	-0.9	88	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	39.181	21.6#	75	0.00
82 T	4-Chlorotoluene	50.000	49.887	0.2	88	0.00
83 T	tert-Butylbenzene	50.000	47.246	5.5	82	0.00
84 T	1,2,4-Trimethylbenzene	50.000	51.131	-2.3	89	0.00
85 T	sec-Butylbenzene	50.000	51.021	-2.0	87	0.00
86 T	p-Isopropyltoluene	50.000	50.760	-1.5	87	0.00
87 T	1,3-Dichlorobenzene	50.000	50.177	-0.4	90	0.00
88 T	1,4-Dichlorobenzene	50.000	49.830	0.3	89	0.00
89 T	n-Butylbenzene	50.000	48.804	2.4	83	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	50.000	48.150	3.7	90	0.00
91 T	1,2-Dichlorobenzene	50.000	50.928	-1.9	91	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	56.359	-12.7	95	0.00
93 T	1,2,4-Trichlorobenzene	50.000	51.203	-2.4	88	0.00
94 T	Hexachlorobutadiene	50.000	48.435	3.1	82	0.00
95 T	Naphthalene	50.000	54.358	-8.7	91	0.00
96 T	1,2,3-Trichlorobenzene	50.000	52.645	-5.3	91	0.00

(#) = Out of Range

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