

Data Path : Z:\voasrv\HPCHEM1\MSVOA X\Data\VX080118\
 Data File : VX003792.D
 Acq On : 01 Aug 2018 14:11
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.00G/5.0mL/MSVOA X/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC050

Quant Time: Aug 02 06:30:07 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X073018S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 31 11:17:41 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	76	0.00
2 T	Dichlorodifluoromethane	50.000	55.784	-11.6	90	0.00
3 P	Chloromethane	50.000	55.803	-11.6	88	0.00
4 C	Vinyl Chloride	50.000	55.999	-12.0#	84	0.00
5 T	Bromomethane	50.000	64.861	-29.7#	96	0.00
6 T	Chloroethane	50.000	51.654	-3.3	89	0.00
7 T	Trichlorofluoromethane	50.000	57.394	-14.8	92	0.00
8 T	Diethyl Ether	50.000	55.413	-10.8	85	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	58.301	-16.6	92	0.00
10 T	Methyl Iodide	50.000	48.531	2.9	71	0.00
11 T	Tert butyl alcohol	250.000	300.022	-20.0#	94	0.00
12 CM	1,1-Dichloroethene	50.000	56.764	-13.5#	89	0.00
13 T	Acrolein	250.000	192.464	23.0#	95	0.00
14 T	Allyl chloride	50.000	60.542	-21.1#	92	0.00
15 T	Acrylonitrile	250.000	297.297	-18.9	92	0.00
16 T	Acetone	250.000	230.838	7.7	69	0.00
17 T	Carbon Disulfide	50.000	54.489	-9.0	87	0.00
18 T	Methyl Acetate	50.000	58.186	-16.4	88	0.00
19 T	Methyl tert-butyl Ether	50.000	57.176	-14.4	84	0.00
20 T	Methylene Chloride	50.000	58.000	-16.0	88	0.00
21 T	trans-1,2-Dichloroethene	50.000	56.959	-13.9	91	0.00
22 T	Diisopropyl ether	50.000	53.844	-7.7	81	-0.01
23 T	Vinyl Acetate	250.000	282.352	-12.9	81	0.00
24 P	1,1-Dichloroethane	50.000	55.235	-10.5	86	0.00
25 T	2-Butanone	250.000	253.235	-1.3	77	0.00
26 T	2,2-Dichloropropane	50.000	53.995	-8.0	84	0.00
27 T	cis-1,2-Dichloroethene	50.000	48.793	2.4	75	0.00
28 T	Bromochloromethane	50.000	53.261	-6.5	81	0.00
29 T	Tetrahydrofuran	250.000	280.926	-12.4	86	0.00
30 C	Chloroform	50.000	53.648	-7.3#	82	0.00
31 T	Cyclohexane	50.000	52.534	-5.1	79	-0.01
32 T	1,1,1-Trichloroethane	50.000	55.571	-11.1	84	-0.02
33 S	1,2-Dichloroethane-d4	50.000	52.176	-4.4	78	-0.01
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	85	0.00
35 S	Dibromofluoromethane	50.000	45.284	9.4	77	0.00
36 T	1,1-Dichloropropene	50.000	49.849	0.3	87	-0.01
37 T	Ethyl Acetate	50.000	49.003	2.0	83	0.00
38 T	Carbon Tetrachloride	50.000	49.429	1.1	85	0.00
39 T	Methylcyclohexane	50.000	47.713	4.6	82	0.00
40 TM	Benzene	50.000	46.546	6.9	79	0.00
41 T	Methacrylonitrile	50.000	49.860	0.3	84	0.00
42 TM	1,2-Dichloroethane	50.000	51.019	-2.0	85	0.00
43 T	Isopropyl Acetate	50.000	49.541	0.9	82	0.00
44 TM	Trichloroethene	50.000	47.649	4.7	84	0.00
45 C	1,2-Dichloropropane	50.000	49.507	1.0#	82	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	47.543	4.9	80	0.00
47 T	Bromodichloromethane	50.000	49.727	0.5	82	0.00
48 T	Methyl methacrylate	50.000	51.218	-2.4	83	0.00
49 T	1,4-Dioxane	1000.000	1074.086	-7.4	92	0.00
50 S	Toluene-d8	50.000	44.532	10.9	77	0.00
51 T	4-Methyl-2-Pentanone	250.000	256.188	-2.5	84	0.00
52 CM	Toluene	50.000	48.336	3.3#	82	0.00
53 T	t-1,3-Dichloropropene	50.000	52.510	-5.0	85	0.00
54 T	cis-1,3-Dichloropropene	50.000	49.342	1.3	80	0.00
55 T	1,1,2-Trichloroethane	50.000	51.555	-3.1	85	0.00
56 T	Ethyl methacrylate	50.000	52.934	-5.9	85	0.00
57 T	1,3-Dichloropropane	50.000	51.794	-3.6	86	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	259.125	-3.6	90	0.00
59 T	2-Hexanone	250.000	264.875	-5.9	86	0.00
60 T	Dibromochloromethane	50.000	49.135	1.7	79	0.00
61 T	1,2-Dibromoethane	50.000	46.486	7.0	77	0.00
62 S	4-Bromofluorobenzene	50.000	44.705	10.6	78	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	74	0.00
64 T	Tetrachloroethene	50.000	56.417	-12.8	85	0.00
65 PM	Chlorobenzene	50.000	50.830	-1.7	76	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	52.769	-5.5	76	0.00
67 C	Ethyl Benzene	50.000	55.391	-10.8#	81	0.00
68 T	m/p-Xylenes	100.000	105.631	-5.6	77	0.00
69 T	o-Xylene	50.000	59.715	-19.4	86	0.00
70 T	Styrene	50.000	60.127	-20.3#	86	0.00
71 P	Bromoform	50.000	58.875	-17.8	84	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	80	0.00
73 T	Isopropylbenzene	50.000	50.576	-1.2	81	0.00
74 T	N-amyl acetate	50.000	51.879	-3.8	82	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	50.008	-0.0	80	0.00
76 T	1,2,3-Trichloropropane	50.000	50.959	-1.9	81	0.00
77 T	Bromobenzene	50.000	48.642	2.7	78	0.00
78 T	n-propylbenzene	50.000	49.205	1.6	80	0.00
79 T	2-Chlorotoluene	50.000	53.323	-6.6	87	0.00
80 T	1,3,5-Trimethylbenzene	50.000	54.164	-8.3	87	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	52.545	-5.1	79	0.00
82 T	4-Chlorotoluene	50.000	53.237	-6.5	87	0.00
83 T	tert-Butylbenzene	50.000	53.973	-7.9	86	0.00
84 T	1,2,4-Trimethylbenzene	50.000	53.636	-7.3	86	0.00
85 T	sec-Butylbenzene	50.000	53.728	-7.5	86	0.00
86 T	p-Isopropyltoluene	50.000	51.726	-3.5	83	0.00
87 T	1,3-Dichlorobenzene	50.000	50.033	-0.1	82	0.00
88 T	1,4-Dichlorobenzene	50.000	49.065	1.9	81	0.00
89 T	n-Butylbenzene	50.000	51.905	-3.8	84	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	50.559	-1.1	81	0.00
91 T	1,2-Dichlorobenzene	50.000	48.063	3.9	78	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	51.963	-3.9	82	0.00
93 T	1,2,4-Trichlorobenzene	50.000	50.416	-0.8	81	0.00
94 T	Hexachlorobutadiene	50.000	47.530	4.9	79	0.00
95 T	Naphthalene	50.000	51.772	-3.5	79	0.00
96 T	1,2,3-Trichlorobenzene	50.000	44.593	10.8	71	0.00

(#) = Out of Range

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