

Data Path : Z:\voasrv\HPCHEM1\MSVOA X\Data\VO090519\
 Data File : VX012092.D
 Acq On : 05 Sep 2019 10:54
 Operator : SY/SP
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA X/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC050

Quant Time: Sep 06 05:52:13 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X090319S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 03 15:26:48 2019
 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	93	0.00
2 T	Dichlorodifluoromethane	50.000	52.156	-4.3	105	0.00
3 P	Chloromethane	50.000	53.223	-6.4	105	0.00
4 C	Vinyl Chloride	50.000	53.649	-7.3#	105	0.00
5 T	Bromomethane	50.000	64.902	-29.8#	128	0.00
6 T	Chloroethane	50.000	55.741	-11.5	110	0.00
7 T	Trichlorofluoromethane	50.000	56.610	-13.2	111	0.00
8 T	Diethyl Ether	50.000	52.671	-5.3	101	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	54.442	-8.9	106	0.00
10 T	Methyl Iodide	50.000	44.352	11.3	93	0.00
11 T	Tert butyl alcohol	250.000	206.681	17.3	86	0.00
12 CM	1,1-Dichloroethene	50.000	53.652	-7.3#	104	0.00
13 T	Acrolein	250.000	181.246	27.5#	73	0.00
14 T	Allyl chloride	50.000	55.022	-10.0	105	0.00
15 T	Acrylonitrile	250.000	240.790	3.7	95	0.00
16 T	Acetone	250.000	248.308	0.7	98	0.00
17 T	Carbon Disulfide	50.000	56.214	-12.4	101	0.00
18 T	Methyl Acetate	50.000	46.381	7.2	96	0.00
19 T	Methyl tert-butyl Ether	50.000	50.218	-0.4	99	0.00
20 T	Methylene Chloride	50.000	47.400	5.2	99	0.00
21 T	trans-1,2-Dichloroethene	50.000	53.142	-6.3	101	0.00
22 T	Diisopropyl ether	50.000	52.442	-4.9	104	0.00
23 T	Vinyl Acetate	250.000	265.066	-6.0	100	0.00
24 P	1,1-Dichloroethane	50.000	53.412	-6.8	105	0.00
25 T	2-Butanone	250.000	249.920	0.0	96	0.00
26 T	2,2-Dichloropropane	50.000	55.949	-11.9	111	0.00
27 T	cis-1,2-Dichloroethene	50.000	52.599	-5.2	103	0.00
28 T	Bromochloromethane	50.000	41.474	17.1	78	0.00
29 T	Tetrahydrofuran	250.000	235.173	5.9	93	0.00
30 C	Chloroform	50.000	52.701	-5.4#	105	0.00
31 T	Cyclohexane	50.000	52.534	-5.1	103	0.00
32 T	1,1,1-Trichloroethane	50.000	55.183	-10.4	107	0.00
33 S	1,2-Dichloroethane-d4	50.000	49.040	1.9	93	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	90	0.00
35 S	Dibromofluoromethane	50.000	49.306	1.4	90	0.00
36 T	1,1-Dichloropropene	50.000	55.150	-10.3	103	0.00
37 T	Ethyl Acetate	50.000	50.644	-1.3	94	0.00
38 T	Carbon Tetrachloride	50.000	56.342	-12.7	108	0.00
39 T	Methylcyclohexane	50.000	53.721	-7.4	103	0.00
40 TM	Benzene	50.000	54.522	-9.0	102	0.00
41 T	Methacrylonitrile	50.000	52.597	-5.2	99	0.00
42 TM	1,2-Dichloroethane	50.000	55.690	-11.4	105	0.00
43 T	Isopropyl Acetate	50.000	52.027	-4.1	99	0.00
44 TM	Trichloroethene	50.000	54.301	-8.6	103	0.00
45 C	1,2-Dichloropropane	50.000	52.819	-5.6#	101	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	53.242	-6.5	101	0.00
47 T	Bromodichloromethane	50.000	53.135	-6.3	100	0.00
48 T	Methyl methacrylate	50.000	51.574	-3.1	97	0.00
49 T	1,4-Dioxane	1000.000	889.487	11.1	88	0.00
50 S	Toluene-d8	50.000	51.455	-2.9	91	0.00
51 T	4-Methyl-2-Pentanone	250.000	251.549	-0.6	95	0.00
52 CM	Toluene	50.000	54.323	-8.6#	102	0.00
53 T	t-1,3-Dichloropropene	50.000	52.360	-4.7	99	0.00
54 T	cis-1,3-Dichloropropene	50.000	52.870	-5.7	100	0.00
55 T	1,1,2-Trichloroethane	50.000	51.103	-2.2	97	0.00
56 T	Ethyl methacrylate	50.000	50.334	-0.7	95	0.00
57 T	1,3-Dichloropropane	50.000	51.971	-3.9	99	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	229.697	8.1	83	0.00
59 T	2-Hexanone	250.000	254.599	-1.8	98	0.00
60 T	Dibromochloromethane	50.000	52.680	-5.4	101	0.00
61 T	1,2-Dibromoethane	50.000	51.770	-3.5	98	0.00
62 S	4-Bromofluorobenzene	50.000	47.041	5.9	89	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	90	0.00
64 T	Tetrachloroethene	50.000	54.169	-8.3	103	0.00
65 PM	Chlorobenzene	50.000	53.394	-6.8	101	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	54.054	-8.1	104	0.00
67 C	Ethyl Benzene	50.000	54.756	-9.5#	103	0.00
68 T	m/p-Xylenes	100.000	108.691	-8.7	102	0.00
69 T	o-Xylene	50.000	53.376	-6.8	101	0.00
70 T	Styrene	50.000	53.815	-7.6	100	0.00
71 P	Bromoform	50.000	50.986	-2.0	96	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	90	0.00
73 T	Isopropylbenzene	50.000	54.097	-8.2	103	0.00
74 T	N-amyl acetate	50.000	50.267	-0.5	96	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	48.432	3.1	94	0.00
76 T	1,2,3-Trichloropropane	50.000	48.123	3.8	95	0.00
77 T	Bromobenzene	50.000	52.450	-4.9	99	0.00
78 T	n-propylbenzene	50.000	54.472	-8.9	105	0.00
79 T	2-Chlorotoluene	50.000	54.519	-9.0	106	0.00
80 T	1,3,5-Trimethylbenzene	50.000	54.574	-9.1	105	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	47.735	4.5	93	0.00
82 T	4-Chlorotoluene	50.000	54.084	-8.2	102	0.00
83 T	tert-Butylbenzene	50.000	55.337	-10.7	107	0.00
84 T	1,2,4-Trimethylbenzene	50.000	53.609	-7.2	103	0.00
85 T	sec-Butylbenzene	50.000	53.547	-7.1	103	0.00
86 T	p-Isopropyltoluene	50.000	53.583	-7.2	104	0.00
87 T	1,3-Dichlorobenzene	50.000	52.316	-4.6	103	0.00
88 T	1,4-Dichlorobenzene	50.000	53.100	-6.2	103	0.00
89 T	n-Butylbenzene	50.000	54.669	-9.3	106	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	50.000	50.969	-1.9	101	0.00
91 T	1,2-Dichlorobenzene	50.000	53.139	-6.3	102	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	47.870	4.3	91	0.00
93 T	1,2,4-Trichlorobenzene	50.000	49.880	0.2	98	0.00
94 T	Hexachlorobutadiene	50.000	52.779	-5.6	104	0.00
95 T	Naphthalene	50.000	48.393	3.2	92	0.00
96 T	1,2,3-Trichlorobenzene	50.000	49.118	1.8	95	0.00

(#) = Out of Range

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