

Data Path : Z:\voasrv\HPCHEM1\MSVOA X\Data\VX082919\
 Data File : VX011899.D
 Acq On : 30 Aug 2019 04:55
 Operator : SY/SP
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA X/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC050

Quant Time: Aug 30 06:30:41 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082919S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 30 01:59:05 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	91	0.00
2 T	Dichlorodifluoromethane	50.000	41.086	17.8	79	0.00
3 P	Chloromethane	50.000	50.372	-0.7	94	0.00
4 C	Vinyl Chloride	50.000	47.032	5.9#	88	0.00
5 T	Bromomethane	50.000	53.604	-7.2	103	0.00
6 T	Chloroethane	50.000	50.774	-1.5	93	0.00
7 T	Trichlorofluoromethane	50.000	44.797	10.4	83	0.00
8 T	Diethyl Ether	50.000	53.807	-7.6	102	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	44.397	11.2	82	0.00
10 T	Methyl Iodide	50.000	48.834	2.3	93	0.00
11 T	Tert butyl alcohol	250.000	274.641	-9.9	104	0.00
12 CM	1,1-Dichloroethene	50.000	49.071	1.9#	89	0.00
13 T	Acrolein	250.000	220.444	11.8	85	0.00
14 T	Allyl chloride	50.000	51.933	-3.9	94	0.00
15 T	Acrylonitrile	250.000	283.170	-13.3	102	0.00
16 T	Acetone	250.000	253.270	-1.3	97	0.00
17 T	Carbon Disulfide	50.000	50.663	-1.3	90	0.00
18 T	Methyl Acetate	50.000	63.894	-27.8#	122	0.00
19 T	Methyl tert-butyl Ether	50.000	55.784	-11.6	102	0.00
20 T	Methylene Chloride	50.000	56.762	-13.5	101	0.00
21 T	trans-1,2-Dichloroethene	50.000	52.245	-4.5	95	0.00
22 T	Diisopropyl ether	50.000	55.062	-10.1	100	0.00
23 T	Vinyl Acetate	250.000	267.955	-7.2	94	0.00
24 P	1,1-Dichloroethane	50.000	53.831	-7.7	98	0.00
25 T	2-Butanone	250.000	279.816	-11.9	100	0.00
26 T	2,2-Dichloropropane	50.000	44.949	10.1	83	0.00
27 T	cis-1,2-Dichloroethene	50.000	55.599	-11.2	101	0.00
28 T	Bromochloromethane	50.000	55.682	-11.4	91	0.00
29 T	Tetrahydrofuran	250.000	285.682	-14.3	102	0.00
30 C	Chloroform	50.000	54.524	-9.0#	100	0.00
31 T	Cyclohexane	50.000	42.979	14.0	81	0.00
32 T	1,1,1-Trichloroethane	50.000	50.952	-1.9	93	0.00
33 S	1,2-Dichloroethane-d4	50.000	56.348	-12.7	101	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	98	0.00
35 S	Dibromofluoromethane	50.000	51.750	-3.5	100	0.00
36 T	1,1-Dichloropropene	50.000	45.535	8.9	90	0.00
37 T	Ethyl Acetate	50.000	51.707	-3.4	99	0.00
38 T	Carbon Tetrachloride	50.000	45.216	9.6	89	0.00
39 T	Methylcyclohexane	50.000	39.714	20.6#	81	0.00
40 TM	Benzene	50.000	49.770	0.5	97	0.00
41 T	Methacrylonitrile	50.000	54.602	-9.2	106	0.00
42 TM	1,2-Dichloroethane	50.000	51.864	-3.7	101	0.00
43 T	Isopropyl Acetate	50.000	51.955	-3.9	101	0.00
44 TM	Trichloroethene	50.000	49.016	2.0	97	0.00
45 C	1,2-Dichloropropane	50.000	50.359	-0.7#	99	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	52.370	-4.7	103	0.00
47 T	Bromodichloromethane	50.000	51.441	-2.9	100	0.00
48 T	Methyl methacrylate	50.000	52.168	-4.3	101	0.00
49 T	1,4-Dioxane	1000.000	1094.179	-9.4	105	0.00
50 S	Toluene-d8	50.000	51.711	-3.4	97	0.00
51 T	4-Methyl-2-Pentanone	250.000	264.722	-5.9	103	0.00
52 CM	Toluene	50.000	49.737	0.5#	98	0.00
53 T	t-1,3-Dichloropropene	50.000	50.140	-0.3	98	0.00
54 T	cis-1,3-Dichloropropene	50.000	50.114	-0.2	98	0.00
55 T	1,1,2-Trichloroethane	50.000	51.670	-3.3	103	0.00
56 T	Ethyl methacrylate	50.000	51.917	-3.8	101	0.00
57 T	1,3-Dichloropropane	50.000	51.714	-3.4	102	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	258.761	-3.5	95	0.00
59 T	2-Hexanone	250.000	260.802	-4.3	102	0.00
60 T	Dibromochloromethane	50.000	51.924	-3.8	102	0.00
61 T	1,2-Dibromoethane	50.000	52.030	-4.1	102	0.00
62 S	4-Bromofluorobenzene	50.000	52.080	-4.2	105	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	100	0.00
64 T	Tetrachloroethene	50.000	49.397	1.2	101	0.00
65 PM	Chlorobenzene	50.000	49.917	0.2	101	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	50.437	-0.9	102	0.00
67 C	Ethyl Benzene	50.000	48.332	3.3#	97	0.00
68 T	m/p-Xylenes	100.000	97.780	2.2	98	0.00
69 T	o-Xylene	50.000	49.676	0.6	100	0.00
70 T	Styrene	50.000	50.352	-0.7	100	0.00
71 P	Bromoform	50.000	51.919	-3.8	104	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	101	0.00
73 T	Isopropylbenzene	50.000	46.018	8.0	95	0.00
74 T	N-amyl acetate	50.000	48.197	3.6	98	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	49.090	1.8	101	0.00
76 T	1,2,3-Trichloropropane	50.000	49.811	0.4	102	0.00
77 T	Bromobenzene	50.000	49.633	0.7	103	0.00
78 T	n-propylbenzene	50.000	46.258	7.5	95	0.00
79 T	2-Chlorotoluene	50.000	47.955	4.1	99	0.00
80 T	1,3,5-Trimethylbenzene	50.000	47.624	4.8	97	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	44.801	10.4	93	0.00
82 T	4-Chlorotoluene	50.000	47.902	4.2	99	0.00
83 T	tert-Butylbenzene	50.000	46.236	7.5	96	0.00
84 T	1,2,4-Trimethylbenzene	50.000	48.036	3.9	99	0.00
85 T	sec-Butylbenzene	50.000	45.489	9.0	93	0.00
86 T	p-Isopropyltoluene	50.000	46.521	7.0	95	0.00
87 T	1,3-Dichlorobenzene	50.000	48.468	3.1	100	0.00
88 T	1,4-Dichlorobenzene	50.000	48.547	2.9	100	0.00
89 T	n-Butylbenzene	50.000	45.210	9.6	93	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	50.000	47.424	5.2	99	0.00
91 T	1,2-Dichlorobenzene	50.000	49.524	1.0	102	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	51.997	-4.0	106	0.00
93 T	1,2,4-Trichlorobenzene	50.000	50.559	-1.1	104	0.00
94 T	Hexachlorobutadiene	50.000	46.264	7.5	96	0.00
95 T	Naphthalene	50.000	51.400	-2.8	103	0.00
96 T	1,2,3-Trichlorobenzene	50.000	51.023	-2.0	104	0.00

(#) = Out of Range

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