

Data Path : Z:\voasrv\HPCHEM1\MSVOA Y\Data\VY110819\
 Data File : VY000605.D
 Acq On : 08 Nov 2019 10:21
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 LabSampleId :
 VSTDCCC050

Quant Time: Nov 11 05:37:36 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y103019S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 30 13:30:53 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	114	0.00
2 T	Dichlorodifluoromethane	50.000	52.072	-4.1	114	0.00
3 P	Chloromethane	50.000	50.325	-0.7	114	0.00
4 C	Vinyl Chloride	50.000	50.077	-0.2#	113	0.00
5 T	Bromomethane	50.000	53.189	-6.4	127	0.01
6 T	Chloroethane	50.000	53.467	-6.9	123	0.00
7 T	Trichlorofluoromethane	50.000	54.338	-8.7	125	0.00
8 T	Diethyl Ether	50.000	53.680	-7.4	122	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	53.277	-6.6	124	0.00
10 T	Methyl Iodide	50.000	51.198	-2.4	122	0.00
11 T	Tert butyl alcohol	250.000	217.702	12.9	108	0.04
12 CM	1,1-Dichloroethene	50.000	53.327	-6.7#	116	0.00
13 T	Acrolein	250.000	254.750	-1.9	117	0.01
14 T	Allyl chloride	50.000	56.603	-13.2	127	0.00
15 T	Acrylonitrile	250.000	257.605	-3.0	118	0.00
16 T	Acetone	250.000	234.392	6.2	98	0.02
17 T	Carbon Disulfide	50.000	51.809	-3.6	118	0.00
18 T	Methyl Acetate	50.000	52.980	-6.0	129	0.01
19 T	Methyl tert-butyl Ether	50.000	53.652	-7.3	122	0.01
20 T	Methylene Chloride	50.000	49.193	1.6	122	0.00
21 T	trans-1,2-Dichloroethene	50.000	52.578	-5.2	119	0.00
22 T	Diisopropyl ether	50.000	57.224	-14.4	130	0.00
23 T	Vinyl Acetate	250.000	274.811	-9.9	124	0.00
24 P	1,1-Dichloroethane	50.000	55.297	-10.6	127	0.00
25 T	2-Butanone	250.000	265.269	-6.1	117	0.00
26 T	2,2-Dichloropropane	50.000	53.978	-8.0	127	0.00
27 T	cis-1,2-Dichloroethene	50.000	54.585	-9.2	124	0.00
28 T	Bromochloromethane	50.000	56.112	-12.2	120	0.00
29 T	Tetrahydrofuran	250.000	251.595	-0.6	116	0.00
30 C	Chloroform	50.000	55.120	-10.2#	126	0.00
31 T	Cyclohexane	50.000	52.072	-4.1	122	0.00
32 T	1,1,1-Trichloroethane	50.000	53.903	-7.8	123	0.00
33 S	1,2-Dichloroethane-d4	50.000	55.792	-11.6	117	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	113	0.00
35 S	Dibromofluoromethane	50.000	53.859	-7.7	118	0.00
36 T	1,1-Dichloropropene	50.000	53.452	-6.9	123	0.00
37 T	Ethyl Acetate	50.000	51.096	-2.2	121	0.00
38 T	Carbon Tetrachloride	50.000	55.701	-11.4	126	0.00
39 T	Methylcyclohexane	50.000	53.435	-6.9	119	0.00
40 TM	Benzene	50.000	53.733	-7.5	123	0.00
41 T	Methacrylonitrile	50.000	52.589	-5.2	129	-0.02
42 TM	1,2-Dichloroethane	50.000	55.309	-10.6	125	0.00
43 T	Isopropyl Acetate	50.000	54.740	-9.5	127	0.00
44 TM	Trichloroethene	50.000	53.920	-7.8	124	0.00
45 C	1,2-Dichloropropane	50.000	55.354	-10.7#	126	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
46 T	Dibromomethane	50.000	54.343	-8.7	124	0.00
47 T	Bromodichloromethane	50.000	55.911	-11.8	124	0.00
48 T	Methyl methacrylate	50.000	56.161	-12.3	130	0.00
49 T	1,4-Dioxane	1000.000	929.342	7.1	104	0.01
50 S	Toluene-d8	50.000	58.181	-16.4	119	0.00
51 T	4-Methyl-2-Pentanone	250.000	274.135	-9.7	124	0.00
52 CM	Toluene	50.000	54.781	-9.6#	124	0.00
53 T	t-1,3-Dichloropropene	50.000	57.437	-14.9	125	0.00
54 T	cis-1,3-Dichloropropene	50.000	55.579	-11.2	124	0.00
55 T	1,1,2-Trichloroethane	50.000	53.304	-6.6	121	0.00
56 T	Ethyl methacrylate	50.000	56.600	-13.2	123	0.00
57 T	1,3-Dichloropropane	50.000	55.032	-10.1	124	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	263.532	-5.4	114	0.00
59 T	2-Hexanone	250.000	305.116	-22.0#	132	0.00
60 T	Dibromochloromethane	50.000	55.016	-10.0	122	0.00
61 T	1,2-Dibromoethane	50.000	53.843	-7.7	119	0.00
62 S	4-Bromofluorobenzene	50.000	55.533	-11.1	121	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	115	0.00
64 T	Tetrachloroethene	50.000	50.397	-0.8	116	0.00
65 PM	Chlorobenzene	50.000	53.824	-7.6	125	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	55.243	-10.5	124	0.00
67 C	Ethyl Benzene	50.000	54.750	-9.5#	124	0.00
68 T	m/p-Xylenes	100.000	107.240	-7.2	120	0.00
69 T	o-Xylene	50.000	53.319	-6.6	123	0.00
70 T	Styrene	50.000	54.746	-9.5	122	0.00
71 P	Bromoform	50.000	55.300	-10.6	122	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	110	0.00
73 T	Isopropylbenzene	50.000	55.574	-11.1	124	0.00
74 T	N-amyl acetate	50.000	57.159	-14.3	124	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	55.014	-10.0	124	0.00
76 T	1,2,3-Trichloropropane	50.000	46.468	7.1	93	0.00
77 T	Bromobenzene	50.000	52.925	-5.8	119	0.00
78 T	n-propylbenzene	50.000	55.500	-11.0	122	0.00
79 T	2-Chlorotoluene	50.000	55.887	-11.8	125	0.00
80 T	1,3,5-Trimethylbenzene	50.000	55.491	-11.0	122	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	57.435	-14.9	124	0.00
82 T	4-Chlorotoluene	50.000	56.503	-13.0	125	0.00
83 T	tert-Butylbenzene	50.000	54.182	-8.4	119	0.00
84 T	1,2,4-Trimethylbenzene	50.000	55.716	-11.4	120	0.00
85 T	sec-Butylbenzene	50.000	55.057	-10.1	119	0.00
86 T	p-Isopropyltoluene	50.000	54.916	-9.8	119	0.00
87 T	1,3-Dichlorobenzene	50.000	53.537	-7.1	119	0.00
88 T	1,4-Dichlorobenzene	50.000	53.397	-6.8	118	0.00
89 T	n-Butylbenzene	50.000	54.732	-9.5	119	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	50.000	56.567	-13.1	122	0.00
91 T	1,2-Dichlorobenzene	50.000	54.182	-8.4	119	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	51.700	-3.4	117	0.00
93 T	1,2,4-Trichlorobenzene	50.000	51.341	-2.7	117	0.00
94 T	Hexachlorobutadiene	50.000	51.985	-4.0	113	0.00
95 T	Naphthalene	50.000	51.859	-3.7	116	0.00
96 T	1,2,3-Trichlorobenzene	50.000	50.725	-1.5	112	0.00

(#) = Out of Range

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