

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\vy111519\
 Data File : VY000689.D
 Acq On : 15 Nov 2019 10:19
 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 16 02:37:25 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	90	0.00
2 T	Dichlorodifluoromethane	50.000	53.014	-6.0	91	0.00
3 P	Chloromethane	50.000	50.370	-0.7	90	0.00
4 C	Vinyl Chloride	50.000	52.211	-4.4#	92	0.00
5 T	Bromomethane	50.000	71.370	-42.7#	134	0.00
6 T	Chloroethane	50.000	53.056	-6.1	96	0.00
7 T	Trichlorofluoromethane	50.000	55.187	-10.4	100	0.00
8 T	Diethyl Ether	50.000	52.296	-4.6	93	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	53.619	-7.2	98	0.00
10 T	Methyl Iodide	50.000	28.579	42.8#	51	0.00
11 T	Tert butyl alcohol	250.000	216.321	13.5	84	0.00
12 CM	1,1-Dichloroethene	50.000	53.852	-7.7#	93	0.00
13 T	Acrolein	250.000	186.701	25.3#	68	0.00
14 T	Allyl chloride	50.000	55.438	-10.9	98	0.00
15 T	Acrylonitrile	250.000	247.959	0.8	90	0.00
16 T	Acetone	250.000	358.052	-43.2#	117	0.00
17 T	Carbon Disulfide	50.000	51.344	-2.7	92	0.00
18 T	Methyl Acetate	50.000	49.897	0.2	96	0.00
19 T	Methyl tert-butyl Ether	50.000	51.992	-4.0	93	0.00
20 T	Methylene Chloride	50.000	49.276	1.4	96	0.00
21 T	trans-1,2-Dichloroethene	50.000	53.809	-7.6	96	0.00
22 T	Diisopropyl ether	50.000	55.123	-10.2	98	0.00
23 T	Vinyl Acetate	250.000	268.407	-7.4	95	0.00
24 P	1,1-Dichloroethane	50.000	54.045	-8.1	98	0.00
25 T	2-Butanone	250.000	285.935	-14.4	99	0.00
26 T	2,2-Dichloropropane	50.000	55.234	-10.5	102	0.00
27 T	cis-1,2-Dichloroethene	50.000	55.698	-11.4	100	0.00
28 T	Bromochloromethane	50.000	52.421	-4.8	88	0.00
29 T	Tetrahydrofuran	250.000	253.809	-1.5	92	0.00
30 C	Chloroform	50.000	56.075	-12.2#	101	0.00
31 T	Cyclohexane	50.000	51.638	-3.3	95	0.00
32 T	1,1,1-Trichloroethane	50.000	56.068	-12.1	100	0.00
33 S	1,2-Dichloroethane-d4	50.000	53.000	-6.0	87	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	89	0.00
35 S	Dibromofluoromethane	50.000	51.446	-2.9	89	0.00
36 T	1,1-Dichloropropene	50.000	55.292	-10.6	100	0.00
37 T	Ethyl Acetate	50.000	50.555	-1.1	94	0.00
38 T	Carbon Tetrachloride	50.000	55.983	-12.0	99	0.00
39 T	Methylcyclohexane	50.000	52.961	-5.9	93	0.00
40 TM	Benzene	50.000	53.952	-7.9	97	0.00
41 T	Methacrylonitrile	50.000	54.057	-8.1	104	-0.01
42 TM	1,2-Dichloroethane	50.000	55.549	-11.1	99	0.00
43 T	Isopropyl Acetate	50.000	51.651	-3.3	94	0.00
44 TM	Trichloroethene	50.000	53.451	-6.9	97	0.00
45 C	1,2-Dichloropropane	50.000	56.054	-12.1#	100	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
46 T	Dibromomethane	50.000	53.343	-6.7	95	0.00
47 T	Bromodichloromethane	50.000	55.857	-11.7	97	0.00
48 T	Methyl methacrylate	50.000	52.981	-6.0	96	0.00
49 T	1,4-Dioxane	1000.000	1019.469	-1.9	90	0.00
50 S	Toluene-d8	50.000	54.990	-10.0	88	0.00
51 T	4-Methyl-2-Pentanone	250.000	254.691	-1.9	90	0.00
52 CM	Toluene	50.000	55.620	-11.2#	99	0.00
53 T	t-1,3-Dichloropropene	50.000	55.746	-11.5	95	0.00
54 T	cis-1,3-Dichloropropene	50.000	55.759	-11.5	98	0.00
55 T	1,1,2-Trichloroethane	50.000	52.963	-5.9	95	0.00
56 T	Ethyl methacrylate	50.000	53.853	-7.7	92	0.00
57 T	1,3-Dichloropropane	50.000	54.276	-8.6	96	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	192.638	22.9#	65	0.00
59 T	2-Hexanone	250.000	272.366	-8.9	93	0.00
60 T	Dibromochloromethane	50.000	55.468	-10.9	97	0.00
61 T	1,2-Dibromoethane	50.000	52.341	-4.7	91	0.00
62 S	4-Bromofluorobenzene	50.000	51.630	-3.3	88	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	91	0.00
64 T	Tetrachloroethene	50.000	51.340	-2.7	93	0.00
65 PM	Chlorobenzene	50.000	54.229	-8.5	99	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	55.512	-11.0	98	0.00
67 C	Ethyl Benzene	50.000	55.705	-11.4#	99	0.00
68 T	m/p-Xylenes	100.000	108.913	-8.9	96	0.00
69 T	o-Xylene	50.000	54.867	-9.7	99	0.00
70 T	Styrene	50.000	55.569	-11.1	98	0.00
71 P	Bromoform	50.000	53.974	-7.9	94	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	87	0.00
73 T	Isopropylbenzene	50.000	55.901	-11.8	99	0.00
74 T	N-amyl acetate	50.000	51.402	-2.8	88	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	54.742	-9.5	98	0.00
76 T	1,2,3-Trichloropropane	50.000	50.844	-1.7	81	0.00
77 T	Bromobenzene	50.000	54.352	-8.7	97	0.00
78 T	n-propylbenzene	50.000	57.224	-14.4	100	0.00
79 T	2-Chlorotoluene	50.000	55.858	-11.7	99	0.00
80 T	1,3,5-Trimethylbenzene	50.000	56.333	-12.7	98	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	55.011	-10.0	94	0.00
82 T	4-Chlorotoluene	50.000	57.013	-14.0	100	0.00
83 T	tert-Butylbenzene	50.000	57.125	-14.2	99	0.00
84 T	1,2,4-Trimethylbenzene	50.000	57.594	-15.2	98	0.00
85 T	sec-Butylbenzene	50.000	57.934	-15.9	99	0.00
86 T	p-Isopropyltoluene	50.000	57.002	-14.0	98	0.00
87 T	1,3-Dichlorobenzene	50.000	55.251	-10.5	97	0.00
88 T	1,4-Dichlorobenzene	50.000	54.866	-9.7	96	0.00
89 T	n-Butylbenzene	50.000	58.234	-16.5	100	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	50.000	57.516	-15.0	98	0.00
91 T	1,2-Dichlorobenzene	50.000	56.007	-12.0	98	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	50.492	-1.0	91	0.00
93 T	1,2,4-Trichlorobenzene	50.000	54.292	-8.6	98	0.00
94 T	Hexachlorobutadiene	50.000	54.890	-9.8	95	0.00
95 T	Naphthalene	50.000	52.346	-4.7	93	0.00
96 T	1,2,3-Trichlorobenzene	50.000	53.498	-7.0	94	0.00

(#) = Out of Range

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