

Data Path : Z:\voasrv\HPCHEM1\MSVOA Y\Data\vv101519\
 Data File : VY000311.D
 Acq On : 15 Oct 2019 11:23
 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: Oct 15 17:42:35 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y101119S.M
 Quant Title : SW846 8260
 QLast Update : Mon Oct 14 08:10:23 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	124	0.00
2 T	Dichlorodifluoromethane	50.000	46.800	6.4	116	0.00
3 P	Chloromethane	50.000	46.271	7.5	122	0.00
4 C	Vinyl Chloride	50.000	46.527	6.9#	122	0.00
5 T	Bromomethane	50.000	41.568	16.9	120	0.00
6 T	Chloroethane	50.000	47.526	4.9	121	0.00
7 T	Trichlorofluoromethane	50.000	47.878	4.2	123	0.00
8 T	Diethyl Ether	50.000	50.863	-1.7	132	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	48.905	2.2	125	0.00
10 T	Methyl Iodide	50.000	48.813	2.4	118	0.00
11 T	Tert butyl alcohol	250.000	224.383	10.2	110	0.00
12 CM	1,1-Dichloroethene	50.000	48.989	2.0#	124	0.00
13 T	Acrolein	250.000	252.246	-0.9	123	0.00
14 T	Allyl chloride	50.000	51.305	-2.6	131	0.00
15 T	Acrylonitrile	250.000	236.835	5.3	115	0.00
16 T	Acetone	250.000	230.991	7.6	105	0.00
17 T	Carbon Disulfide	50.000	47.388	5.2	122	0.00
18 T	Methyl Acetate	50.000	44.091	11.8	118	0.00
19 T	Methyl tert-butyl Ether	50.000	50.876	-1.8	129	0.00
20 T	Methylene Chloride	50.000	50.242	-0.5	126	0.00
21 T	trans-1,2-Dichloroethene	50.000	48.895	2.2	125	0.00
22 T	Diisopropyl ether	50.000	52.894	-5.8	133	0.00
23 T	Vinyl Acetate	250.000	258.662	-3.5	125	0.00
24 P	1,1-Dichloroethane	50.000	50.921	-1.8	129	0.00
25 T	2-Butanone	250.000	250.500	-0.2	119	0.00
26 T	2,2-Dichloropropane	50.000	50.594	-1.2	131	0.00
27 T	cis-1,2-Dichloroethene	50.000	51.021	-2.0	129	0.00
28 T	Bromochloromethane	50.000	50.802	-1.6	124	0.00
29 T	Tetrahydrofuran	250.000	240.232	3.9	116	0.00
30 C	Chloroform	50.000	50.595	-1.2#	126	0.00
31 T	Cyclohexane	50.000	47.957	4.1	126	0.00
32 T	1,1,1-Trichloroethane	50.000	50.109	-0.2	124	0.00
33 S	1,2-Dichloroethane-d4	50.000	51.616	-3.2	125	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	127	0.00
35 S	Dibromofluoromethane	50.000	48.943	2.1	125	0.00
36 T	1,1-Dichloropropene	50.000	47.954	4.1	127	0.00
37 T	Ethyl Acetate	50.000	47.038	5.9	118	0.00
38 T	Carbon Tetrachloride	50.000	47.522	5.0	123	0.00
39 T	Methylcyclohexane	50.000	48.313	3.4	126	0.00
40 TM	Benzene	50.000	48.786	2.4	127	0.00
41 T	Methacrylonitrile	50.000	60.401	-20.8#	154	0.00
42 TM	1,2-Dichloroethane	50.000	49.291	1.4	127	0.00
43 T	Isopropyl Acetate	50.000	48.551	2.9	121	0.00
44 TM	Trichloroethene	50.000	46.450	7.1	120	0.00
45 C	1,2-Dichloropropane	50.000	50.429	-0.9#	129	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	48.828	2.3	126	0.00
47 T	Bromodichloromethane	50.000	50.196	-0.4	128	0.00
48 T	Methyl methacrylate	50.000	48.241	3.5	120	0.00
49 T	1,4-Dioxane	1000.000	843.532	15.6	104	0.00
50 S	Toluene-d8	50.000	52.281	-4.6	125	0.00
51 T	4-Methyl-2-Pentanone	250.000	249.328	0.3	122	0.00
52 CM	Toluene	50.000	49.249	1.5#	127	0.00
53 T	t-1,3-Dichloropropene	50.000	50.680	-1.4	128	0.00
54 T	cis-1,3-Dichloropropene	50.000	51.139	-2.3	128	0.00
55 T	1,1,2-Trichloroethane	50.000	49.212	1.6	129	0.00
56 T	Ethyl methacrylate	50.000	51.489	-3.0	126	0.00
57 T	1,3-Dichloropropane	50.000	50.604	-1.2	128	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	253.352	-1.3	130	0.00
59 T	2-Hexanone	250.000	270.491	-8.2	130	0.00
60 T	Dibromochloromethane	50.000	50.568	-1.1	128	0.00
61 T	1,2-Dibromoethane	50.000	49.442	1.1	125	0.00
62 S	4-Bromofluorobenzene	50.000	50.644	-1.3	130	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	129	0.00
64 T	Tetrachloroethene	50.000	46.125	7.8	120	0.00
65 PM	Chlorobenzene	50.000	48.877	2.2	127	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	49.768	0.5	128	0.00
67 C	Ethyl Benzene	50.000	49.449	1.1#	127	0.00
68 T	m/p-Xylenes	100.000	97.168	2.8	125	0.00
69 T	o-Xylene	50.000	48.670	2.7	126	0.00
70 T	Styrene	50.000	50.532	-1.1	129	0.00
71 P	Bromoform	50.000	50.159	-0.3	122	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	125	0.00
73 T	Isopropylbenzene	50.000	49.804	0.4	127	0.00
74 T	N-amyl acetate	50.000	58.769	-17.5	137	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	50.404	-0.8	128	0.00
76 T	1,2,3-Trichloropropane	50.000	48.277	3.4	116	0.00
77 T	Bromobenzene	50.000	48.304	3.4	125	0.00
78 T	n-propylbenzene	50.000	49.790	0.4	126	0.00
79 T	2-Chlorotoluene	50.000	50.536	-1.1	128	0.00
80 T	1,3,5-Trimethylbenzene	50.000	50.003	-0.0	127	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	50.140	-0.3	119	0.00
82 T	4-Chlorotoluene	50.000	50.904	-1.8	128	0.00
83 T	tert-Butylbenzene	50.000	49.221	1.6	125	0.00
84 T	1,2,4-Trimethylbenzene	50.000	49.922	0.2	125	0.00
85 T	sec-Butylbenzene	50.000	50.215	-0.4	125	0.00
86 T	p-Isopropyltoluene	50.000	49.997	0.0	123	0.00
87 T	1,3-Dichlorobenzene	50.000	48.526	2.9	125	0.00
88 T	1,4-Dichlorobenzene	50.000	48.756	2.5	125	0.00
89 T	n-Butylbenzene	50.000	50.203	-0.4	124	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	50.000	50.456	-0.9	124	0.00
91 T	1,2-Dichlorobenzene	50.000	48.813	2.4	121	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	46.859	6.3	118	0.00
93 T	1,2,4-Trichlorobenzene	50.000	47.255	5.5	123	0.00
94 T	Hexachlorobutadiene	50.000	44.442	11.1	114	0.00
95 T	Naphthalene	50.000	47.892	4.2	122	0.00
96 T	1,2,3-Trichlorobenzene	50.000	47.259	5.5	122	0.00

(#) = Out of Range

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