

Data Path : Z:\voasrv\HPCHEM1\MSVOA Y\Data\vv101519\
 Data File : VY000319.D
 Acq On : 15 Oct 2019 17:12
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 LabSampleId :
 VSTDCCC050

Quant Time: Oct 15 18:02:12 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	111	0.00
2 T	Dichlorodifluoromethane	50.000	45.670	8.7	102	0.00
3 P	Chloromethane	50.000	41.413	17.2	98	0.00
4 C	Vinyl Chloride	50.000	45.860	8.3#	107	0.00
5 T	Bromomethane	50.000	43.265	13.5	111	0.00
6 T	Chloroethane	50.000	47.464	5.1	108	0.00
7 T	Trichlorofluoromethane	50.000	47.892	4.2	110	0.00
8 T	Diethyl Ether	50.000	50.656	-1.3	118	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	48.419	3.2	111	0.00
10 T	Methyl Iodide	50.000	46.029	7.9	100	0.00
11 T	Tert butyl alcohol	250.000	233.823	6.5	103	0.00
12 CM	1,1-Dichloroethene	50.000	47.736	4.5#	108	0.00
13 T	Acrolein	250.000	290.940	-16.4	127	0.00
14 T	Allyl chloride	50.000	50.186	-0.4	115	0.00
15 T	Acrylonitrile	250.000	243.552	2.6	106	0.00
16 T	Acetone	250.000	224.494	10.2	91	0.00
17 T	Carbon Disulfide	50.000	46.080	7.8	106	0.00
18 T	Methyl Acetate	50.000	45.600	8.8	110	0.00
19 T	Methyl tert-butyl Ether	50.000	51.350	-2.7	116	-0.01
20 T	Methylene Chloride	50.000	57.088	-14.2	127	0.00
21 T	trans-1,2-Dichloroethene	50.000	48.035	3.9	110	0.00
22 T	Diisopropyl ether	50.000	52.748	-5.5	119	0.00
23 T	Vinyl Acetate	250.000	260.940	-4.4	113	-0.01
24 P	1,1-Dichloroethane	50.000	50.496	-1.0	114	0.00
25 T	2-Butanone	250.000	248.382	0.6	106	0.00
26 T	2,2-Dichloropropane	50.000	50.003	-0.0	116	0.00
27 T	cis-1,2-Dichloroethene	50.000	49.994	0.0	114	-0.01
28 T	Bromochloromethane	50.000	54.481	-9.0	119	0.00
29 T	Tetrahydrofuran	250.000	240.026	4.0	104	0.00
30 C	Chloroform	50.000	51.307	-2.6#	114	0.00
31 T	Cyclohexane	50.000	47.234	5.5	111	0.00
32 T	1,1,1-Trichloroethane	50.000	50.749	-1.5	113	0.00
33 S	1,2-Dichloroethane-d4	50.000	52.294	-4.6	113	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	112	0.00
35 S	Dibromofluoromethane	50.000	48.475	3.0	109	0.00
36 T	1,1-Dichloropropene	50.000	48.343	3.3	113	0.00
37 T	Ethyl Acetate	50.000	48.204	3.6	107	0.00
38 T	Carbon Tetrachloride	50.000	48.291	3.4	111	0.00
39 T	Methylcyclohexane	50.000	48.162	3.7	111	0.00
40 TM	Benzene	50.000	49.687	0.6	114	0.00
41 T	Methacrylonitrile	50.000	46.834	6.3	106	0.00
42 TM	1,2-Dichloroethane	50.000	49.339	1.3	112	0.00
43 T	Isopropyl Acetate	50.000	49.464	1.1	109	-0.01
44 TM	Trichloroethene	50.000	47.337	5.3	108	0.00
45 C	1,2-Dichloropropane	50.000	50.549	-1.1#	114	0.00

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 Max. RRF Dev : 20% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
46 T	Dibromomethane	50.000	48.861	2.3	111	0.00
47 T	Bromodichloromethane	50.000	51.295	-2.6	116	0.00
48 T	Methyl methacrylate	50.000	50.498	-1.0	111	0.00
49 T	1,4-Dioxane	1000.000	908.135	9.2	99	0.00
50 S	Toluene-d8	50.000	53.397	-6.8	113	0.00
51 T	4-Methyl-2-Pentanone	250.000	260.689	-4.3	113	0.00
52 CM	Toluene	50.000	49.949	0.1#	114	0.00
53 T	t-1,3-Dichloropropene	50.000	51.375	-2.8	114	0.00
54 T	cis-1,3-Dichloropropene	50.000	52.116	-4.2	116	0.00
55 T	1,1,2-Trichloroethane	50.000	50.896	-1.8	118	0.00
56 T	Ethyl methacrylate	50.000	53.793	-7.6	117	0.00
57 T	1,3-Dichloropropane	50.000	51.324	-2.6	115	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	347.159	-38.9#	157	0.00
59 T	2-Hexanone	250.000	279.753	-11.9	119	0.00
60 T	Dibromochloromethane	50.000	52.225	-4.5	117	0.00
61 T	1,2-Dibromoethane	50.000	49.935	0.1	111	0.00
62 S	4-Bromofluorobenzene	50.000	52.452	-4.9	119	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	116	0.00
64 T	Tetrachloroethene	50.000	45.707	8.6	107	0.00
65 PM	Chlorobenzene	50.000	49.023	2.0	115	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	49.208	1.6	113	0.00
67 C	Ethyl Benzene	50.000	49.182	1.6#	114	0.00
68 T	m/p-Xylenes	100.000	98.017	2.0	113	0.00
69 T	o-Xylene	50.000	48.613	2.8	113	0.00
70 T	Styrene	50.000	50.256	-0.5	115	0.00
71 P	Bromoform	50.000	51.025	-2.0	112	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	116	0.00
73 T	Isopropylbenzene	50.000	48.384	3.2	115	0.00
74 T	N-amyl acetate	50.000	58.426	-16.9	126	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	49.198	1.6	116	0.00
76 T	1,2,3-Trichloropropane	50.000	49.010	2.0	109	0.00
77 T	Bromobenzene	50.000	47.622	4.8	115	0.00
78 T	n-propylbenzene	50.000	49.048	1.9	115	0.00
79 T	2-Chlorotoluene	50.000	49.248	1.5	116	0.00
80 T	1,3,5-Trimethylbenzene	50.000	48.425	3.2	114	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	48.012	4.0	106	0.00
82 T	4-Chlorotoluene	50.000	48.586	2.8	114	0.00
83 T	tert-Butylbenzene	50.000	48.093	3.8	113	0.00
84 T	1,2,4-Trimethylbenzene	50.000	48.877	2.2	114	0.00
85 T	sec-Butylbenzene	50.000	48.396	3.2	112	0.00
86 T	p-Isopropyltoluene	50.000	49.441	1.1	113	0.00
87 T	1,3-Dichlorobenzene	50.000	48.332	3.3	116	0.00
88 T	1,4-Dichlorobenzene	50.000	48.411	3.2	115	0.00
89 T	n-Butylbenzene	50.000	49.996	0.0	115	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	50.000	49.778	0.4	113	0.00
91 T	1,2-Dichlorobenzene	50.000	49.228	1.5	113	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	48.310	3.4	113	0.00
93 T	1,2,4-Trichlorobenzene	50.000	47.830	4.3	115	0.00
94 T	Hexachlorobutadiene	50.000	45.344	9.3	108	0.00
95 T	Naphthalene	50.000	48.385	3.2	114	0.00
96 T	1,2,3-Trichlorobenzene	50.000	47.852	4.3	114	0.00

(#) = Out of Range

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