

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY020420\
 Data File : VY001487.D
 Acq On : 04 Feb 2020 15:19
 Operator : SY/MD
 Sample : VSTDICV050
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY020420

Quant Time: Feb 04 15:55:48 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y020420S.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 04 15:10:08 2020
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1 I	Pentafluorobenzene	50.000	50.000	0.0	98	0.00
2 T	Dichlorodifluoromethane	50.000	52.443	-4.9	99	0.00
3 P	Chloromethane	50.000	50.289	-0.6	99	0.00
4 C	Vinyl Chloride	50.000	51.604	-3.2#	99	0.00
5 T	Bromomethane	50.000	52.237	-4.5	100	0.00
6 T	Chloroethane	50.000	50.324	-0.6	97	0.00
7 T	Trichlorofluoromethane	50.000	50.036	-0.1	98	0.00
8 T	Diethyl Ether	50.000	50.544	-1.1	101	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	50.229	-0.5	97	0.00
10 T	Methyl Iodide	50.000	50.736	-1.5	94	0.00
11 T	Tert butyl alcohol	250.000	240.086	4.0	106	0.00
12 CM	1,1-Dichloroethene	50.000	50.186	-0.4#	97	0.00
13 T	Acrolein	250.000	266.021	-6.4	111	0.00
14 T	Allyl chloride	50.000	50.574	-1.1	99	0.00
15 T	Acrylonitrile	250.000	263.525	-5.4	108	0.00
16 T	Acetone	250.000	263.123	-5.2	105	0.00
17 T	Carbon Disulfide	50.000	51.035	-2.1	98	0.00
18 T	Methyl Acetate	50.000	50.975	-2.0	108	0.00
19 T	Methyl tert-butyl Ether	50.000	51.411	-2.8	103	0.00
20 T	Methylene Chloride	50.000	50.739	-1.5	96	0.00
21 T	trans-1,2-Dichloroethene	50.000	50.302	-0.6	98	0.00
22 T	Diisopropyl ether	50.000	50.891	-1.8	100	0.00
23 T	Vinyl Acetate	250.000	264.603	-5.8	105	0.00
24 P	1,1-Dichloroethane	50.000	49.835	0.3	97	0.00
25 T	2-Butanone	250.000	265.917	-6.4	108	0.00
26 T	2,2-Dichloropropane	50.000	49.659	0.7	100	0.00
27 T	cis-1,2-Dichloroethene	50.000	49.847	0.3	98	-0.01
28 T	Bromochloromethane	50.000	58.433	-16.9	104	0.00
29 T	Tetrahydrofuran	250.000	266.879	-6.8	110	0.00
30 C	Chloroform	50.000	49.597	0.8#	97	0.00
31 T	Cyclohexane	50.000	48.466	3.1	98	-0.01
32 T	1,1,1-Trichloroethane	50.000	50.970	-1.9	98	0.00
33 S	1,2-Dichloroethane-d4	50.000	56.688	-13.4	113	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	99	0.00
35 S	Dibromofluoromethane	50.000	54.622	-9.2	111	0.00
36 T	1,1-Dichloropropene	50.000	50.767	-1.5	98	0.00
37 T	Ethyl Acetate	50.000	54.502	-9.0	113	0.00
38 T	Carbon Tetrachloride	50.000	51.535	-3.1	99	0.00
39 T	Methylcyclohexane	50.000	51.283	-2.6	98	0.00
40 TM	Benzene	50.000	50.058	-0.1	97	0.00
41 T	Methacrylonitrile	50.000	51.248	-2.5	91	0.00
42 TM	1,2-Dichloroethane	50.000	51.176	-2.4	103	-0.01
43 T	Isopropyl Acetate	50.000	53.149	-6.3	109	0.00
44 TM	Trichloroethene	50.000	50.526	-1.1	99	0.00
45 C	1,2-Dichloropropane	50.000	50.032	-0.1#	98	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
46 T	Dibromomethane	50.000	51.841	-3.7	103	0.00
47 T	Bromodichloromethane	50.000	51.386	-2.8	100	0.00
48 T	Methyl methacrylate	50.000	53.024	-6.0	108	0.00
49 T	1,4-Dioxane	1000.000	987.301	1.3	104	0.00
50 S	Toluene-d8	50.000	57.355	-14.7	109	0.00
51 T	4-Methyl-2-Pentanone	250.000	270.659	-8.3	112	0.00
52 CM	Toluene	50.000	50.382	-0.8#	99	0.00
53 T	t-1,3-Dichloropropene	50.000	51.448	-2.9	101	0.00
54 T	cis-1,3-Dichloropropene	50.000	50.923	-1.8	99	0.00
55 T	1,1,2-Trichloroethane	50.000	51.316	-2.6	102	0.00
56 T	Ethyl methacrylate	50.000	53.354	-6.7	105	0.00
57 T	1,3-Dichloropropane	50.000	50.279	-0.6	100	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	267.744	-7.1	106	0.00
59 T	2-Hexanone	250.000	277.470	-11.0	112	0.00
60 T	Dibromochloromethane	50.000	52.349	-4.7	102	0.00
61 T	1,2-Dibromoethane	50.000	52.044	-4.1	103	0.00
62 S	4-Bromofluorobenzene	50.000	54.259	-8.5	111	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	100	0.00
64 T	Tetrachloroethene	50.000	48.253	3.5	95	0.00
65 PM	Chlorobenzene	50.000	50.085	-0.2	98	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	50.331	-0.7	99	0.00
67 C	Ethyl Benzene	50.000	49.947	0.1#	98	0.00
68 T	m/p-Xylenes	100.000	99.514	0.5	98	0.00
69 T	o-Xylene	50.000	49.813	0.4	97	0.00
70 T	Styrene	50.000	50.188	-0.4	98	0.00
71 P	Bromoform	50.000	53.884	-7.8	105	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	100	0.00
73 T	Isopropylbenzene	50.000	49.697	0.6	98	0.00
74 T	N-amyl acetate	50.000	53.833	-7.7	109	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	53.031	-6.1	108	0.00
76 T	1,2,3-Trichloropropane	50.000	49.381	1.2	100	0.00
77 T	Bromobenzene	50.000	50.190	-0.4	98	0.00
78 T	n-propylbenzene	50.000	49.937	0.1	98	0.00
79 T	2-Chlorotoluene	50.000	49.720	0.6	98	0.00
80 T	1,3,5-Trimethylbenzene	50.000	49.992	0.0	98	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	53.656	-7.3	109	0.00
82 T	4-Chlorotoluene	50.000	49.572	0.9	98	0.00
83 T	tert-Butylbenzene	50.000	51.219	-2.4	100	0.00
84 T	1,2,4-Trimethylbenzene	50.000	49.717	0.6	98	0.00
85 T	sec-Butylbenzene	50.000	50.020	-0.0	97	0.00
86 T	p-Isopropyltoluene	50.000	49.787	0.4	98	0.00
87 T	1,3-Dichlorobenzene	50.000	49.096	1.8	98	0.00
88 T	1,4-Dichlorobenzene	50.000	50.068	-0.1	100	0.00
89 T	n-Butylbenzene	50.000	50.262	-0.5	99	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	50.000	50.164	-0.3	98	0.00
91 T	1,2-Dichlorobenzene	50.000	50.437	-0.9	100	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	51.250	-2.5	108	0.00
93 T	1,2,4-Trichlorobenzene	50.000	50.961	-1.9	103	0.00
94 T	Hexachlorobutadiene	50.000	50.442	-0.9	101	0.00
95 T	Naphthalene	50.000	51.792	-3.6	111	0.00
96 T	1,2,3-Trichlorobenzene	50.000	51.602	-3.2	107	0.00

(#) = Out of Range

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