

Data Path : Z:\voasrv\HPCHEM1\MSVOA Y\Data\vv012220\
 Data File : VY001328.D
 Acq On : 22 Jan 2020 13:52
 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: Jan 23 01:19:02 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y012120S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 23 01:09:50 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	116	0.00
2 T	Dichlorodifluoromethane	50.000	49.543	0.9	115	0.00
3 P	Chloromethane	50.000	46.253	7.5	112	0.00
4 C	Vinyl Chloride	50.000	48.619	2.8#	114	0.00
5 T	Bromomethane	50.000	46.585	6.8	114	0.00
6 T	Chloroethane	50.000	47.892	4.2	113	0.00
7 T	Trichlorofluoromethane	50.000	49.301	1.4	116	0.00
8 T	Diethyl Ether	50.000	45.250	9.5	108	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	49.881	0.2	116	0.00
10 T	Methyl Iodide	50.000	48.140	3.7	106	0.00
11 T	Tert butyl alcohol	250.000	221.373	11.5	109	0.00
12 CM	1,1-Dichloroethene	50.000	48.295	3.4#	115	-0.01
13 T	Acrolein	250.000	303.044	-21.2	154	0.00
14 T	Allyl chloride	50.000	47.347	5.3	112	-0.01
15 T	Acrylonitrile	250.000	232.549	7.0	111	0.00
16 T	Acetone	250.000	291.403	-16.6	131	0.00
17 T	Carbon Disulfide	50.000	47.771	4.5	114	0.00
18 T	Methyl Acetate	50.000	43.864	12.3	110	-0.01
19 T	Methyl tert-butyl Ether	50.000	45.274	9.5	107	0.00
20 T	Methylene Chloride	50.000	43.420	13.2	106	-0.01
21 T	trans-1,2-Dichloroethene	50.000	46.550	6.9	111	0.00
22 T	Diisopropyl ether	50.000	46.048	7.9	110	0.00
23 T	Vinyl Acetate	250.000	234.241	6.3	110	0.00
24 P	1,1-Dichloroethane	50.000	46.996	6.0	111	0.00
25 T	2-Butanone	250.000	242.025	3.2	116	0.00
26 T	2,2-Dichloropropane	50.000	47.269	5.5	115	0.00
27 T	cis-1,2-Dichloroethene	50.000	46.581	6.8	110	0.00
28 T	Bromochloromethane	50.000	52.112	-4.2	118	0.00
29 T	Tetrahydrofuran	250.000	230.019	8.0	110	0.00
30 C	Chloroform	50.000	46.115	7.8#	111	0.00
31 T	Cyclohexane	50.000	47.412	5.2	117	0.00
32 T	1,1,1-Trichloroethane	50.000	48.947	2.1	116	0.00
33 S	1,2-Dichloroethane-d4	50.000	48.662	2.7	110	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	115	0.00
35 S	Dibromofluoromethane	50.000	47.444	5.1	110	0.00
36 T	1,1-Dichloropropene	50.000	48.708	2.6	115	0.00
37 T	Ethyl Acetate	50.000	46.436	7.1	109	0.00
38 T	Carbon Tetrachloride	50.000	50.100	-0.2	117	0.00
39 T	Methylcyclohexane	50.000	49.942	0.1	116	0.00
40 TM	Benzene	50.000	47.198	5.6	111	0.00
41 T	Methacrylonitrile	50.000	53.804	-7.6	133	0.00
42 TM	1,2-Dichloroethane	50.000	46.263	7.5	109	0.00
43 T	Isopropyl Acetate	50.000	47.165	5.7	109	0.00
44 TM	Trichloroethene	50.000	47.164	5.7	112	0.00
45 C	1,2-Dichloropropane	50.000	47.542	4.9#	111	0.00

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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)
46 T	Dibromomethane	50.000	46.380	7.2	110	0.00
47 T	Bromodichloromethane	50.000	46.839	6.3	111	0.01
48 T	Methyl methacrylate	50.000	46.599	6.8	109	0.00
49 T	1,4-Dioxane	1000.000	954.134	4.6	114	0.00
50 S	Toluene-d8	50.000	51.033	-2.1	113	0.02
51 T	4-Methyl-2-Pentanone	250.000	234.764	6.1	110	0.01
52 CM	Toluene	50.000	47.517	5.0#	112	0.01
53 T	t-1,3-Dichloropropene	50.000	48.108	3.8	111	0.02
54 T	cis-1,3-Dichloropropene	50.000	47.399	5.2	111	0.00
55 T	1,1,2-Trichloroethane	50.000	46.842	6.3	109	0.02
56 T	Ethyl methacrylate	50.000	47.407	5.2	110	0.02
57 T	1,3-Dichloropropane	50.000	46.832	6.3	109	0.02
58 T	2-Chloroethyl Vinyl ether	250.000	220.628	11.7	119	0.01
59 T	2-Hexanone	250.000	250.231	-0.1	114	0.02
60 T	Dibromochloromethane	50.000	47.057	5.9	110	0.02
61 T	1,2-Dibromoethane	50.000	47.336	5.3	109	0.02
62 S	4-Bromofluorobenzene	50.000	47.864	4.3	111	0.02
63 I	Chlorobenzene-d5	50.000	50.000	0.0	112	0.02
64 T	Tetrachloroethene	50.000	48.158	3.7	113	0.02
65 PM	Chlorobenzene	50.000	47.669	4.7	111	0.02
66 T	1,1,1,2-Tetrachloroethane	50.000	48.402	3.2	111	0.02
67 C	Ethyl Benzene	50.000	48.698	2.6#	113	0.02
68 T	m/p-Xylenes	100.000	97.184	2.8	112	0.02
69 T	o-Xylene	50.000	47.851	4.3	110	0.02
70 T	Styrene	50.000	48.280	3.4	111	0.02
71 P	Bromoform	50.000	48.096	3.8	110	0.02
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	111	0.04
73 T	Isopropylbenzene	50.000	49.776	0.4	113	0.02
74 T	N-amyl acetate	50.000	48.499	3.0	109	0.02
75 P	1,1,2,2-Tetrachloroethane	50.000	47.961	4.1	107	0.02
76 T	1,2,3-Trichloropropane	50.000	48.691	2.6	109	0.02
77 T	Bromobenzene	50.000	47.807	4.4	109	0.02
78 T	n-propylbenzene	50.000	50.336	-0.7	113	0.02
79 T	2-Chlorotoluene	50.000	49.046	1.9	112	0.02
80 T	1,3,5-Trimethylbenzene	50.000	49.668	0.7	112	0.02
81 T	trans-1,4-Dichloro-2-butene	50.000	50.767	-1.5	115	0.02
82 T	4-Chlorotoluene	50.000	48.951	2.1	111	0.02
83 T	tert-Butylbenzene	50.000	48.922	2.2	109	0.02
84 T	1,2,4-Trimethylbenzene	50.000	48.709	2.6	111	0.03
85 T	sec-Butylbenzene	50.000	50.928	-1.9	113	0.03
86 T	p-Isopropyltoluene	50.000	50.163	-0.3	113	0.03
87 T	1,3-Dichlorobenzene	50.000	48.249	3.5	109	0.03
88 T	1,4-Dichlorobenzene	50.000	48.114	3.8	110	0.03
89 T	n-Butylbenzene	50.000	50.412	-0.8	114	0.04

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	50.000	50.802	-1.6	112	0.05
91 T	1,2-Dichlorobenzene	50.000	48.369	3.3	109	0.04
92 T	1,2-Dibromo-3-Chloropropane	50.000	47.539	4.9	110	0.08
93 T	1,2,4-Trichlorobenzene	50.000	47.572	4.9	112	0.15
94 T	Hexachlorobutadiene	50.000	48.674	2.7	112	0.16
95 T	Naphthalene	50.000	47.689	4.6	110	0.16
96 T	1,2,3-Trichlorobenzene	50.000	46.984	6.0	109	0.19

(#) = Out of Range

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