

Data Path : Z:\voasrv\HPCHEM1\MSVOA Y\Data\vv012320\
 Data File : VY001369.D
 Acq On : 23 Jan 2020 20:51
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 LabSampleId :
 VSTDCCC050

Quant Time: Jan 24 08:27:17 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y012120S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 23 01:21:47 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	48.428	3.1	95	0.00
3 P	Chloromethane	50.000	46.524	7.0	95	0.00
4 C	Vinyl Chloride	50.000	46.737	6.5#	93	0.00
5 T	Bromomethane	50.000	47.731	4.5	99	0.00
6 T	Chloroethane	50.000	47.596	4.8	95	0.00
7 T	Trichlorofluoromethane	50.000	48.603	2.8	97	0.00
8 T	Diethyl Ether	50.000	48.566	2.9	98	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	50.474	-0.9	99	0.00
10 T	Methyl Iodide	50.000	48.384	3.2	90	0.00
11 T	Tert butyl alcohol	250.000	259.225	-3.7	107	0.00
12 CM	1,1-Dichloroethene	50.000	48.812	2.4#	98	0.00
13 T	Acrolein	250.000	262.331	-4.9	113	0.00
14 T	Allyl chloride	50.000	48.036	3.9	96	0.00
15 T	Acrylonitrile	250.000	255.466	-2.2	103	0.00
16 T	Acetone	250.000	279.529	-11.8	106	0.00
17 T	Carbon Disulfide	50.000	46.883	6.2	94	0.00
18 T	Methyl Acetate	50.000	47.840	4.3	101	0.00
19 T	Methyl tert-butyl Ether	50.000	49.693	0.6	100	0.00
20 T	Methylene Chloride	50.000	45.184	9.6	92	0.00
21 T	trans-1,2-Dichloroethene	50.000	47.937	4.1	96	0.00
22 T	Diisopropyl ether	50.000	49.400	1.2	100	0.01
23 T	Vinyl Acetate	250.000	246.419	1.4	98	0.00
24 P	1,1-Dichloroethane	50.000	49.266	1.5	99	0.00
25 T	2-Butanone	250.000	258.649	-3.5	105	0.01
26 T	2,2-Dichloropropane	50.000	45.130	9.7	93	0.01
27 T	cis-1,2-Dichloroethene	50.000	49.669	0.7	99	0.00
28 T	Bromochloromethane	50.000	57.138	-14.3	110	0.00
29 T	Tetrahydrofuran	250.000	253.364	-1.3	102	0.00
30 C	Chloroform	50.000	49.342	1.3#	101	0.00
31 T	Cyclohexane	50.000	45.958	8.1	96	0.00
32 T	1,1,1-Trichloroethane	50.000	49.102	1.8	98	0.00
33 S	1,2-Dichloroethane-d4	50.000	49.134	1.7	94	0.01
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	98	0.01
35 S	Dibromofluoromethane	50.000	46.921	6.2	93	0.00
36 T	1,1-Dichloropropene	50.000	47.738	4.5	97	0.01
37 T	Ethyl Acetate	50.000	49.976	0.0	101	0.01
38 T	Carbon Tetrachloride	50.000	49.059	1.9	98	0.01
39 T	Methylcyclohexane	50.000	48.125	3.8	96	0.01
40 TM	Benzene	50.000	49.135	1.7	99	0.01
41 T	Methacrylonitrile	50.000	44.427	11.1	94	0.00
42 TM	1,2-Dichloroethane	50.000	49.885	0.2	100	0.01
43 T	Isopropyl Acetate	50.000	51.115	-2.2	101	0.00
44 TM	Trichloroethene	50.000	48.128	3.7	98	0.01
45 C	1,2-Dichloropropane	50.000	50.117	-0.2#	100	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	49.838	0.3	101	0.01
47 T	Bromodichloromethane	50.000	49.729	0.5	100	0.01
48 T	Methyl methacrylate	50.000	50.968	-1.9	102	0.00
49 T	1,4-Dioxane	1000.000	1042.884	-4.3	106	0.00
50 S	Toluene-d8	50.000	48.841	2.3	92	0.01
51 T	4-Methyl-2-Pentanone	250.000	257.204	-2.9	103	0.00
52 CM	Toluene	50.000	48.875	2.3#	98	0.01
53 T	t-1,3-Dichloropropene	50.000	49.474	1.1	97	0.01
54 T	cis-1,3-Dichloropropene	50.000	49.244	1.5	98	0.00
55 T	1,1,2-Trichloroethane	50.000	49.826	0.3	99	0.01
56 T	Ethyl methacrylate	50.000	50.454	-0.9	100	0.01
57 T	1,3-Dichloropropane	50.000	50.463	-0.9	101	0.01
58 T	2-Chloroethyl Vinyl ether	250.000	249.181	0.3	115	0.00
59 T	2-Hexanone	250.000	264.559	-5.8	103	0.01
60 T	Dibromochloromethane	50.000	50.468	-0.9	101	0.01
61 T	1,2-Dibromoethane	50.000	49.958	0.1	98	0.01
62 S	4-Bromofluorobenzene	50.000	45.780	8.4	90	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	99	0.00
64 T	Tetrachloroethene	50.000	51.555	-3.1	107	0.01
65 PM	Chlorobenzene	50.000	48.183	3.6	98	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	49.417	1.2	99	0.00
67 C	Ethyl Benzene	50.000	47.832	4.3#	97	0.00
68 T	m/p-Xylenes	100.000	96.742	3.3	98	0.00
69 T	o-Xylene	50.000	48.136	3.7	97	0.00
70 T	Styrene	50.000	48.908	2.2	99	0.00
71 P	Bromoform	50.000	49.754	0.5	100	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	98	0.00
73 T	Isopropylbenzene	50.000	48.400	3.2	97	0.00
74 T	N-amyl acetate	50.000	51.273	-2.5	101	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	50.473	-0.9	99	0.00
76 T	1,2,3-Trichloropropane	50.000	46.696	6.6	92	0.00
77 T	Bromobenzene	50.000	49.225	1.5	98	0.00
78 T	n-propylbenzene	50.000	48.863	2.3	97	0.00
79 T	2-Chlorotoluene	50.000	48.574	2.9	97	0.00
80 T	1,3,5-Trimethylbenzene	50.000	48.555	2.9	96	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	48.710	2.6	97	0.00
82 T	4-Chlorotoluene	50.000	48.296	3.4	97	0.00
83 T	tert-Butylbenzene	50.000	48.247	3.5	95	0.00
84 T	1,2,4-Trimethylbenzene	50.000	48.330	3.3	97	0.00
85 T	sec-Butylbenzene	50.000	49.255	1.5	96	0.00
86 T	p-Isopropyltoluene	50.000	48.562	2.9	96	0.00
87 T	1,3-Dichlorobenzene	50.000	48.608	2.8	97	0.00
88 T	1,4-Dichlorobenzene	50.000	48.443	3.1	98	0.00
89 T	n-Butylbenzene	50.000	48.514	3.0	96	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	50.000	49.074	1.9	95	0.00
91 T	1,2-Dichlorobenzene	50.000	48.481	3.0	96	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	47.847	4.3	97	0.00
93 T	1,2,4-Trichlorobenzene	50.000	45.845	8.3	95	0.00
94 T	Hexachlorobutadiene	50.000	45.620	8.8	93	0.00
95 T	Naphthalene	50.000	47.850	4.3	98	0.00
96 T	1,2,3-Trichlorobenzene	50.000	46.804	6.4	96	0.00

(#) = Out of Range

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