

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072321\
 Data File : VY005438.D
 Acq On : 24 Jul 2021 00:00
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 LabSampleId :
 VSTDCCC050

Quant Time: Jul 24 03:06:08 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y072221S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 23 06:20:14 2021
 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	94	0.00
2 T	Dichlorodifluoromethane	50.000	43.097	13.8	94	0.00
3 P	Chloromethane	50.000	47.401	5.2	100	0.00
4 C	Vinyl Chloride	50.000	47.021	6.0#	99	0.00
5 T	Bromomethane	50.000	47.477	5.0	88	0.00
6 T	Chloroethane	50.000	49.198	1.6	93	0.00
7 T	Trichlorofluoromethane	50.000	48.230	3.5	93	0.00
8 T	Diethyl Ether	50.000	53.091	-6.2	100	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	47.903	4.2	94	0.00
10 T	Methyl Iodide	50.000	50.419	-0.8	98	0.00
11 T	Tert butyl alcohol	250.000	283.267	-13.3	123	-0.05
12 CM	1,1-Dichloroethene	50.000	48.495	3.0#	94	0.00
13 T	Acrolein	250.000	257.484	-3.0	120	0.00
14 T	Allyl chloride	50.000	51.893	-3.8	100	0.00
15 T	Acrylonitrile	250.000	282.049	-12.8	110	0.00
16 T	Acetone	250.000	268.105	-7.2	119	-0.02
17 T	Carbon Disulfide	50.000	48.383	3.2	95	0.00
18 T	Methyl Acetate	50.000	56.387	-12.8	113	0.00
19 T	Methyl tert-butyl Ether	50.000	56.216	-12.4	103	0.00
20 T	Methylene Chloride	50.000	60.297	-20.6	113	0.00
21 T	trans-1,2-Dichloroethene	50.000	50.926	-1.9	97	0.00
22 T	Diisopropyl ether	50.000	58.284	-16.6	105	0.00
23 T	Vinyl Acetate	250.000	296.265	-18.5	104	0.00
24 P	1,1-Dichloroethane	50.000	55.974	-11.9	101	0.00
25 T	2-Butanone	250.000	302.137	-20.9	116	0.00
26 T	2,2-Dichloropropane	50.000	48.720	2.6	90	0.00
27 T	cis-1,2-Dichloroethene	50.000	55.702	-11.4	100	0.00
28 T	Bromochloromethane	50.000	54.762	-9.5	103	0.00
29 T	Tetrahydrofuran	250.000	314.455	-25.8#	115	0.00
30 C	Chloroform	50.000	57.409	-14.8#	99	0.00
31 T	Cyclohexane	50.000	51.545	-3.1	99	0.00
32 T	1,1,1-Trichloroethane	50.000	54.934	-9.9	96	0.00
33 S	1,2-Dichloroethane-d4	50.000	61.459	-22.9	104	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	97	0.00
35 S	Dibromofluoromethane	50.000	58.207	-16.4	103	0.00
36 T	1,1-Dichloropropene	50.000	51.843	-3.7	97	0.00
37 T	Ethyl Acetate	50.000	55.907	-11.8	105	0.00
38 T	Carbon Tetrachloride	50.000	50.827	-1.7	95	0.00
39 T	Methylcyclohexane	50.000	50.705	-1.4	97	0.00
40 TM	Benzene	50.000	54.014	-8.0	100	0.00
41 T	Methacrylonitrile	50.000	56.855	-13.7	101	0.00
42 TM	1,2-Dichloroethane	50.000	56.051	-12.1	102	0.00
43 T	Isopropyl Acetate	50.000	59.520	-19.0	108	0.00
44 TM	Trichloroethene	50.000	51.907	-3.8	96	0.00
45 C	1,2-Dichloropropane	50.000	55.635	-11.3#	103	0.00
46 T	Dibromomethane	50.000	56.064	-12.1	102	0.00
47 T	Bromodichloromethane	50.000	56.423	-12.8	101	0.00
48 T	Methyl methacrylate	50.000	58.106	-16.2	107	0.00

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 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	1000.000	1160.192	-16.0	109	-0.03
50 S	Toluene-d8	50.000	56.953	-13.9	101	0.00
51 T	4-Methyl-2-Pentanone	250.000	297.372	-18.9	109	0.00
52 CM	Toluene	50.000	53.802	-7.6#	98	0.00
53 T	t-1,3-Dichloropropene	50.000	54.755	-9.5	99	0.00
54 T	cis-1,3-Dichloropropene	50.000	54.538	-9.1	99	0.00
55 T	1,1,2-Trichloroethane	50.000	56.646	-13.3	103	0.00
56 T	Ethyl methacrylate	50.000	58.723	-17.4	105	0.00
57 T	1,3-Dichloropropane	50.000	56.943	-13.9	104	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	306.053	-22.4	109	0.00
59 T	2-Hexanone	250.000	301.398	-20.6	111	0.00
60 T	Dibromochloromethane	50.000	56.431	-12.9	101	0.00
61 T	1,2-Dibromoethane	50.000	57.054	-14.1	103	0.00
62 S	4-Bromofluorobenzene	50.000	58.433	-16.9	104	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	99	0.00
64 T	Tetrachloroethene	50.000	51.340	-2.7	98	0.00
65 PM	Chlorobenzene	50.000	52.729	-5.5	99	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	53.957	-7.9	100	0.00
67 C	Ethyl Benzene	50.000	52.084	-4.2#	98	0.00
68 T	m/p-Xylenes	100.000	104.282	-4.3	99	0.00
69 T	o-Xylene	50.000	53.642	-7.3	101	0.00
70 T	Styrene	50.000	53.920	-7.8	99	0.00
71 P	Bromoform	50.000	55.104	-10.2	99	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	100	0.00
73 T	Isopropylbenzene	50.000	52.771	-5.5	98	0.00
74 T	N-amyl acetate	50.000	58.226	-16.5	107	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	55.726	-11.5	104	0.00
76 T	1,2,3-Trichloropropane	50.000	55.908	-11.8	106	0.00
77 T	Bromobenzene	50.000	53.992	-8.0	100	0.00
78 T	n-propylbenzene	50.000	52.466	-4.9	99	0.00
79 T	2-Chlorotoluene	50.000	53.357	-6.7	100	0.00
80 T	1,3,5-Trimethylbenzene	50.000	53.561	-7.1	100	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	53.761	-7.5	102	0.00
82 T	4-Chlorotoluene	50.000	53.008	-6.0	100	0.00
83 T	tert-Butylbenzene	50.000	53.168	-6.3	100	0.00
84 T	1,2,4-Trimethylbenzene	50.000	53.390	-6.8	100	0.00
85 T	sec-Butylbenzene	50.000	52.701	-5.4	99	0.00
86 T	p-Isopropyltoluene	50.000	52.342	-4.7	99	0.00
87 T	1,3-Dichlorobenzene	50.000	53.055	-6.1	99	0.00
88 T	1,4-Dichlorobenzene	50.000	52.957	-5.9	100	0.00
89 T	n-Butylbenzene	50.000	51.414	-2.8	98	0.00
90 T	Hexachloroethane	50.000	53.810	-7.6	101	0.00
91 T	1,2-Dichlorobenzene	50.000	53.673	-7.3	101	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	55.703	-11.4	108	0.00
93 T	1,2,4-Trichlorobenzene	50.000	52.235	-4.5	101	0.00
94 T	Hexachlorobutadiene	50.000	50.432	-0.9	98	0.00
95 T	Naphthalene	50.000	55.664	-11.3	105	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	53.226	-6.5	102	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 6