

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY080621\
 Data File : VY005564.D
 Acq On : 06 Aug 2021 11:22
 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: Aug 07 06:16:18 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080221S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 03 04:52:05 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	111	0.00
2 T	Dichlorodifluoromethane	50.000	41.926	16.1	102	0.00
3 P	Chloromethane	50.000	43.762	12.5	99	0.00
4 C	Vinyl Chloride	50.000	46.548	6.9#	104	0.00
5 T	Bromomethane	50.000	46.475	7.0	106	0.00
6 T	Chloroethane	50.000	49.870	0.3	105	0.00
7 T	Trichlorofluoromethane	50.000	49.949	0.1	107	0.00
8 T	Diethyl Ether	50.000	46.896	6.2	113	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	48.467	3.1	111	0.00
10 T	Methyl Iodide	50.000	47.129	5.7	106	0.00
11 T	Tert butyl alcohol	250.000	221.671	11.3	123	0.01
12 CM	1,1-Dichloroethene	50.000	47.638	4.7#	109	0.00
13 T	Acrolein	250.000	210.083	16.0	95	0.00
14 T	Allyl chloride	50.000	48.621	2.8	111	0.00
15 T	Acrylonitrile	250.000	233.457	6.6	117	0.00
16 T	Acetone	250.000	299.214	-19.7	142	0.00
17 T	Carbon Disulfide	50.000	45.870	8.3	106	0.00
18 T	Methyl Acetate	50.000	44.111	11.8	119	0.00
19 T	Methyl tert-butyl Ether	50.000	48.017	4.0	114	0.00
20 T	Methylene Chloride	50.000	54.102	-8.2	119	0.00
21 T	trans-1,2-Dichloroethene	50.000	47.588	4.8	110	0.00
22 T	Diisopropyl ether	50.000	49.041	1.9	112	0.00
23 T	Vinyl Acetate	250.000	241.698	3.3	114	0.00
24 P	1,1-Dichloroethane	50.000	49.254	1.5	112	0.00
25 T	2-Butanone	250.000	258.098	-3.2	129	0.00
26 T	2,2-Dichloropropane	50.000	50.170	-0.3	113	0.00
27 T	cis-1,2-Dichloroethene	50.000	47.816	4.4	108	0.00
28 T	Bromochloromethane	50.000	45.666	8.7	114	0.00
29 T	Tetrahydrofuran	250.000	228.909	8.4	120	0.00
30 C	Chloroform	50.000	48.399	3.2#	111	0.00
31 T	Cyclohexane	50.000	46.473	7.1	110	0.00
32 T	1,1,1-Trichloroethane	50.000	48.241	3.5	109	0.00
33 S	1,2-Dichloroethane-d4	50.000	44.939	10.1	102	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	111	0.00
35 S	Dibromofluoromethane	50.000	47.522	5.0	101	0.00
36 T	1,1-Dichloropropene	50.000	49.712	0.6	112	0.00
37 T	Ethyl Acetate	50.000	46.923	6.2	119	0.00
38 T	Carbon Tetrachloride	50.000	48.458	3.1	109	0.00
39 T	Methylcyclohexane	50.000	48.621	2.8	109	0.00
40 TM	Benzene	50.000	48.364	3.3	109	0.00
41 T	Methacrylonitrile	50.000	41.633	16.7	88	-0.02
42 TM	1,2-Dichloroethane	50.000	47.102	5.8	110	0.00
43 T	Isopropyl Acetate	50.000	47.990	4.0	119	0.00
44 TM	Trichloroethene	50.000	48.805	2.4	109	0.00
45 C	1,2-Dichloropropane	50.000	49.017	2.0#	111	0.00
46 T	Dibromomethane	50.000	48.185	3.6	113	0.00
47 T	Bromodichloromethane	50.000	48.978	2.0	111	0.00
48 T	Methyl methacrylate	50.000	47.797	4.4	117	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)
49 T	1,4-Dioxane	1000.000	984.346	1.6	123	0.00
50 S	Toluene-d8	50.000	46.340	7.3	99	0.00
51 T	4-Methyl-2-Pentanone	250.000	239.761	4.1	120	0.00
52 CM	Toluene	50.000	48.512	3.0#	109	0.00
53 T	t-1,3-Dichloropropene	50.000	48.596	2.8	111	0.00
54 T	cis-1,3-Dichloropropene	50.000	49.654	0.7	112	0.00
55 T	1,1,2-Trichloroethane	50.000	49.089	1.8	113	0.00
56 T	Ethyl methacrylate	50.000	49.247	1.5	117	0.00
57 T	1,3-Dichloropropane	50.000	48.272	3.5	112	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	253.481	-1.4	117	0.00
59 T	2-Hexanone	250.000	254.099	-1.6	127	0.00
60 T	Dibromochloromethane	50.000	47.804	4.4	111	0.00
61 T	1,2-Dibromoethane	50.000	47.807	4.4	112	0.00
62 S	4-Bromofluorobenzene	50.000	46.502	7.0	102	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	109	0.00
64 T	Tetrachloroethene	50.000	49.132	1.7	110	0.00
65 PM	Chlorobenzene	50.000	49.422	1.2	109	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	49.604	0.8	109	0.00
67 C	Ethyl Benzene	50.000	49.762	0.5#	108	0.00
68 T	m/p-Xylenes	100.000	99.546	0.5	108	0.00
69 T	o-Xylene	50.000	49.722	0.6	109	0.00
70 T	Styrene	50.000	50.187	-0.4	109	0.00
71 P	Bromoform	50.000	49.325	1.3	112	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	111	0.00
73 T	Isopropylbenzene	50.000	50.380	-0.8	108	0.00
74 T	N-amyl acetate	50.000	50.482	-1.0	117	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	49.545	0.9	117	0.00
76 T	1,2,3-Trichloropropane	50.000	45.277	9.4	107	0.00
77 T	Bromobenzene	50.000	48.926	2.1	108	0.00
78 T	n-propylbenzene	50.000	51.004	-2.0	110	0.00
79 T	2-Chlorotoluene	50.000	50.315	-0.6	109	0.00
80 T	1,3,5-Trimethylbenzene	50.000	50.050	-0.1	108	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	50.567	-1.1	122	0.00
82 T	4-Chlorotoluene	50.000	49.781	0.4	108	0.00
83 T	tert-Butylbenzene	50.000	49.354	1.3	106	0.00
84 T	1,2,4-Trimethylbenzene	50.000	50.220	-0.4	108	0.00
85 T	sec-Butylbenzene	50.000	50.367	-0.7	107	0.00
86 T	p-Isopropyltoluene	50.000	50.287	-0.6	108	0.00
87 T	1,3-Dichlorobenzene	50.000	49.315	1.4	108	0.00
88 T	1,4-Dichlorobenzene	50.000	49.105	1.8	109	0.00
89 T	n-Butylbenzene	50.000	51.438	-2.9	111	0.00
90 T	Hexachloroethane	50.000	50.471	-0.9	109	0.00
91 T	1,2-Dichlorobenzene	50.000	48.725	2.5	109	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	48.698	2.6	123	0.00
93 T	1,2,4-Trichlorobenzene	50.000	51.051	-2.1	116	0.00
94 T	Hexachlorobutadiene	50.000	50.139	-0.3	109	0.00
95 T	Naphthalene	50.000	50.526	-1.1	120	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	51.157	-2.3	117	0.00

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