

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072821\
 Data File : VY005480.D
 Acq On : 28 Jul 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: Jul 29 05:29:01 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	116	0.00
2 T	Dichlorodifluoromethane	50.000	40.762	18.5	110	0.00
3 P	Chloromethane	50.000	44.598	10.8	116	0.00
4 C	Vinyl Chloride	50.000	44.507	11.0#	116	0.00
5 T	Bromomethane	50.000	41.629	16.7	96	0.00
6 T	Chloroethane	50.000	45.815	8.4	107	0.00
7 T	Trichlorofluoromethane	50.000	45.468	9.1	108	0.00
8 T	Diethyl Ether	50.000	45.478	9.0	106	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	46.824	6.4	114	0.00
10 T	Methyl Iodide	50.000	48.048	3.9	115	0.00
11 T	Tert butyl alcohol	250.000	229.360	8.3	123	-0.05
12 CM	1,1-Dichloroethene	50.000	47.234	5.5#	113	0.00
13 T	Acrolein	250.000	219.690	12.1	127	0.00
14 T	Allyl chloride	50.000	46.235	7.5	110	0.00
15 T	Acrylonitrile	250.000	230.923	7.6	111	-0.01
16 T	Acetone	250.000	287.636	-15.1	157	-0.02
17 T	Carbon Disulfide	50.000	44.877	10.2	109	0.00
18 T	Methyl Acetate	50.000	46.019	8.0	114	0.00
19 T	Methyl tert-butyl Ether	50.000	46.462	7.1	105	0.00
20 T	Methylene Chloride	50.000	40.967	18.1	100	0.00
21 T	trans-1,2-Dichloroethene	50.000	46.115	7.8	108	0.00
22 T	Diisopropyl ether	50.000	49.130	1.7	109	0.00
23 T	Vinyl Acetate	250.000	246.538	1.4	107	0.00
24 P	1,1-Dichloroethane	50.000	49.885	0.2	111	0.00
25 T	2-Butanone	250.000	263.637	-5.5	125	0.00
26 T	2,2-Dichloropropane	50.000	49.667	0.7	114	0.00
27 T	cis-1,2-Dichloroethene	50.000	49.331	1.3	109	0.00
28 T	Bromochloromethane	50.000	50.385	-0.8	117	0.00
29 T	Tetrahydrofuran	250.000	250.802	-0.3	113	0.00
30 C	Chloroform	50.000	50.166	-0.3#	107	0.00
31 T	Cyclohexane	50.000	48.419	3.2	114	0.00
32 T	1,1,1-Trichloroethane	50.000	49.405	1.2	107	0.00
33 S	1,2-Dichloroethane-d4	50.000	51.437	-2.9	108	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	115	0.00
35 S	Dibromofluoromethane	50.000	53.778	-7.6	112	0.00
36 T	1,1-Dichloropropene	50.000	51.054	-2.1	112	0.00
37 T	Ethyl Acetate	50.000	46.950	6.1	103	0.00
38 T	Carbon Tetrachloride	50.000	48.749	2.5	107	0.00
39 T	Methylcyclohexane	50.000	43.955	12.1	98	0.00
40 TM	Benzene	50.000	50.098	-0.2	109	0.00
41 T	Methacrylonitrile	50.000	51.499	-3.0	107	0.01
42 TM	1,2-Dichloroethane	50.000	48.085	3.8	103	0.00
43 T	Isopropyl Acetate	50.000	49.226	1.5	105	0.00
44 TM	Trichloroethene	50.000	49.235	1.5	107	0.00
45 C	1,2-Dichloropropane	50.000	42.795	14.4#	93	0.00
46 T	Dibromomethane	50.000	42.918	14.2	92	0.00
47 T	Bromodichloromethane	50.000	43.266	13.5	91	0.00
48 T	Methyl methacrylate	50.000	42.767	14.5	92	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	873.153	12.7	97	-0.03
50 S	Toluene-d8	50.000	46.389	7.2	97	0.00
51 T	4-Methyl-2-Pentanone	250.000	216.518	13.4	93	0.00
52 CM	Toluene	50.000	43.487	13.0#	93	0.00
53 T	t-1,3-Dichloropropene	50.000	42.776	14.4	91	0.00
54 T	cis-1,3-Dichloropropene	50.000	42.686	14.6	91	0.00
55 T	1,1,2-Trichloroethane	50.000	43.128	13.7	92	0.00
56 T	Ethyl methacrylate	50.000	43.528	12.9	91	0.00
57 T	1,3-Dichloropropane	50.000	42.458	15.1	91	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	235.425	5.8	98	0.00
59 T	2-Hexanone	250.000	221.256	11.5	96	0.00
60 T	Dibromochloromethane	50.000	43.773	12.5	92	0.00
61 T	1,2-Dibromoethane	50.000	42.443	15.1	90	0.00
62 S	4-Bromofluorobenzene	50.000	46.883	6.2	98	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	97	0.00
64 T	Tetrachloroethene	50.000	50.838	-1.7	96	0.00
65 PM	Chlorobenzene	50.000	49.970	0.1	93	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	50.464	-0.9	92	0.00
67 C	Ethyl Benzene	50.000	50.648	-1.3#	94	0.00
68 T	m/p-Xylenes	100.000	101.532	-1.5	95	0.00
69 T	o-Xylene	50.000	50.658	-1.3	94	0.00
70 T	Styrene	50.000	50.958	-1.9	92	0.00
71 P	Bromoform	50.000	50.623	-1.2	90	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	101	0.00
73 T	Isopropylbenzene	50.000	50.545	-1.1	95	0.00
74 T	N-amyl acetate	50.000	49.104	1.8	91	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	48.594	2.8	91	0.00
76 T	1,2,3-Trichloropropane	50.000	49.995	0.0	96	0.00
77 T	Bromobenzene	50.000	49.678	0.6	93	0.00
78 T	n-propylbenzene	50.000	51.012	-2.0	97	0.00
79 T	2-Chlorotoluene	50.000	50.291	-0.6	95	0.00
80 T	1,3,5-Trimethylbenzene	50.000	51.061	-2.1	96	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	49.383	1.2	95	0.00
82 T	4-Chlorotoluene	50.000	50.351	-0.7	96	0.00
83 T	tert-Butylbenzene	50.000	51.327	-2.7	97	0.00
84 T	1,2,4-Trimethylbenzene	50.000	50.231	-0.5	95	0.00
85 T	sec-Butylbenzene	50.000	51.691	-3.4	98	0.00
86 T	p-Isopropyltoluene	50.000	52.010	-4.0	100	0.00
87 T	1,3-Dichlorobenzene	50.000	50.689	-1.4	95	0.00
88 T	1,4-Dichlorobenzene	50.000	50.498	-1.0	97	0.00
89 T	n-Butylbenzene	50.000	52.260	-4.5	101	0.00
90 T	Hexachloroethane	50.000	51.122	-2.2	97	0.00
91 T	1,2-Dichlorobenzene	50.000	50.072	-0.1	95	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	49.082	1.8	96	0.00
93 T	1,2,4-Trichlorobenzene	50.000	51.512	-3.0	100	0.00
94 T	Hexachlorobutadiene	50.000	52.982	-6.0	104	0.00
95 T	Naphthalene	50.000	49.923	0.2	95	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	50.446	-0.9	97	0.00

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