

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY093021\
 Data File : VY006249.D
 Acq On : 30 Sep 2021 18:47
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 LabSampleId :
 VSTDCCC050

Quant Time: Oct 01 06:28:55 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y092821S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 28 17:44:36 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	77	0.00
2 T	Dichlorodifluoromethane	50.000	46.637	6.7	73	0.00
3 P	Chloromethane	50.000	44.665	10.7	67	0.00
4 C	Vinyl Chloride	50.000	47.382	5.2#	74	0.00
5 T	Bromomethane	50.000	50.976	-2.0	85	0.00
6 T	Chloroethane	50.000	50.310	-0.6	77	0.00
7 T	Trichlorofluoromethane	50.000	49.456	1.1	77	0.00
8 T	Diethyl Ether	50.000	49.115	1.8	74	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	47.935	4.1	75	0.00
10 T	Methyl Iodide	50.000	43.217	13.6	63	0.00
11 T	Tert butyl alcohol	250.000	218.780	12.5	66	0.00
12 CM	1,1-Dichloroethene	50.000	48.183	3.6#	75	0.00
13 T	Acrolein	250.000	279.894	-12.0	82	0.00
14 T	Allyl chloride	50.000	45.046	9.9	68	0.00
15 T	Acrylonitrile	250.000	241.685	3.3	72	0.00
16 T	Acetone	250.000	226.521	9.4	59	0.00
17 T	Carbon Disulfide	50.000	47.043	5.9	73	0.00
18 T	Methyl Acetate	50.000	47.370	5.3	70	0.00
19 T	Methyl tert-butyl Ether	50.000	49.943	0.1	74	0.00
20 T	Methylene Chloride	50.000	54.519	-9.0	81	0.00
21 T	trans-1,2-Dichloroethene	50.000	48.916	2.2	75	0.00
22 T	Diisopropyl ether	50.000	47.781	4.4	72	0.00
23 T	Vinyl Acetate	250.000	237.871	4.9	71	0.00
24 P	1,1-Dichloroethane	50.000	47.779	4.4	74	0.00
25 T	2-Butanone	250.000	228.653	8.5	64	0.00
26 T	2,2-Dichloropropane	50.000	48.984	2.0	76	0.00
27 T	cis-1,2-Dichloroethene	50.000	49.523	1.0	76	0.00
28 T	Bromochloromethane	50.000	45.318	9.4	71	0.00
29 T	Tetrahydrofuran	250.000	228.945	8.4	67	0.00
30 C	Chloroform	50.000	50.292	-0.6#	77	0.00
31 T	Cyclohexane	50.000	43.951	12.1	71	0.00
32 T	1,1,1-Trichloroethane	50.000	50.636	-1.3	78	0.00
33 S	1,2-Dichloroethane-d4	50.000	48.852	2.3	77	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	76	0.00
35 S	Dibromofluoromethane	50.000	48.012	4.0	76	0.00
36 T	1,1-Dichloropropene	50.000	48.423	3.2	75	0.00
37 T	Ethyl Acetate	50.000	47.515	5.0	70	0.00
38 T	Carbon Tetrachloride	50.000	50.957	-1.9	78	0.00
39 T	Methylcyclohexane	50.000	48.394	3.2	73	0.00
40 TM	Benzene	50.000	49.381	1.2	75	0.00
41 T	Methacrylonitrile	50.000	45.887	8.2	70	0.00
42 TM	1,2-Dichloroethane	50.000	51.626	-3.3	77	0.00
43 T	Isopropyl Acetate	50.000	48.139	3.7	71	0.00
44 TM	Trichloroethene	50.000	51.675	-3.3	79	0.00
45 C	1,2-Dichloropropane	50.000	48.119	3.8#	73	0.00
46 T	Dibromomethane	50.000	50.201	-0.4	75	0.00
47 T	Bromodichloromethane	50.000	50.617	-1.2	76	0.00
48 T	Methyl methacrylate	50.000	49.291	1.4	71	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	924.100	7.6	68	0.00
50 S	Toluene-d8	50.000	48.393	3.2	76	0.00
51 T	4-Methyl-2-Pentanone	250.000	241.727	3.3	69	0.00
52 CM	Toluene	50.000	50.454	-0.9#	76	0.00
53 T	t-1,3-Dichloropropene	50.000	49.755	0.5	74	0.00
54 T	cis-1,3-Dichloropropene	50.000	49.252	1.5	73	0.00
55 T	1,1,2-Trichloroethane	50.000	49.754	0.5	73	0.00
56 T	Ethyl methacrylate	50.000	50.110	-0.2	72	0.00
57 T	1,3-Dichloropropane	50.000	49.196	1.6	73	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	222.439	11.0	66	0.00
59 T	2-Hexanone	250.000	239.146	4.3	66	0.00
60 T	Dibromochloromethane	50.000	52.210	-4.4	77	0.00
61 T	1,2-Dibromoethane	50.000	49.249	1.5	72	0.00
62 S	4-Bromofluorobenzene	50.000	49.678	0.6	77	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	78	0.00
64 T	Tetrachloroethene	50.000	54.644	-9.3	87	0.00
65 PM	Chlorobenzene	50.000	48.807	2.4	76	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	50.252	-0.5	78	0.00
67 C	Ethyl Benzene	50.000	48.879	2.2#	76	0.00
68 T	m/p-Xylenes	100.000	100.175	-0.2	78	0.00
69 T	o-Xylene	50.000	50.543	-1.1	79	0.00
70 T	Styrene	50.000	51.419	-2.8	79	0.00
71 P	Bromoform	50.000	50.582	-1.2	76	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	81	0.00
73 T	Isopropylbenzene	50.000	48.617	2.8	79	0.00
74 T	N-amyl acetate	50.000	45.914	8.2	70	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	43.748	12.5	70	0.00
76 T	1,2,3-Trichloropropane	50.000	43.092	13.8	72	0.00
77 T	Bromobenzene	50.000	49.152	1.7	79	0.00
78 T	n-propylbenzene	50.000	48.315	3.4	78	0.00
79 T	2-Chlorotoluene	50.000	47.782	4.4	78	0.00
80 T	1,3,5-Trimethylbenzene	50.000	48.883	2.2	79	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	46.330	7.3	72	0.00
82 T	4-Chlorotoluene	50.000	48.322	3.4	79	0.00
83 T	tert-Butylbenzene	50.000	48.784	2.4	79	0.00
84 T	1,2,4-Trimethylbenzene	50.000	49.394	1.2	80	0.00
85 T	sec-Butylbenzene	50.000	48.890	2.2	79	0.00
86 T	p-Isopropyltoluene	50.000	49.672	0.7	80	0.00
87 T	1,3-Dichlorobenzene	50.000	49.560	0.9	81	0.00
88 T	1,4-Dichlorobenzene	50.000	48.990	2.0	80	0.00
89 T	n-Butylbenzene	50.000	48.263	3.5	79	0.00
90 T	Hexachloroethane	50.000	48.407	3.2	78	0.00
91 T	1,2-Dichlorobenzene	50.000	49.838	0.3	81	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	45.136	9.7	73	0.00
93 T	1,2,4-Trichlorobenzene	50.000	49.907	0.2	81	0.00
94 T	Hexachlorobutadiene	50.000	48.795	2.4	80	0.00
95 T	Naphthalene	50.000	47.296	5.4	75	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	48.907	2.2	80	0.00

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