

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081721\
 Data File : VY005725.D
 Acq On : 17 Aug 2021 20:57
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 LabSampleId :
 VSTDCCC050

Quant Time: Aug 18 01:54:02 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	64	0.00
2 T	Dichlorodifluoromethane	50.000	49.910	0.2	70	0.00
3 P	Chloromethane	50.000	52.613	-5.2	69	0.00
4 C	Vinyl Chloride	50.000	55.700	-11.4#	72	0.00
5 T	Bromomethane	50.000	64.325	-28.7#	85	0.00
6 T	Chloroethane	50.000	63.571	-27.1#	77	0.00
7 T	Trichlorofluoromethane	50.000	56.457	-12.9	70	0.00
8 T	Diethyl Ether	50.000	52.227	-4.5	73	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	51.459	-2.9	68	0.00
10 T	Methyl Iodide	50.000	48.494	3.0	63	0.00
11 T	Tert butyl alcohol	250.000	219.586	12.2	70	0.02
12 CM	1,1-Dichloroethene	50.000	49.358	1.3#	65	0.00
13 T	Acrolein	250.000	199.128	20.3	52	0.00
14 T	Allyl chloride	50.000	54.090	-8.2	71	0.00
15 T	Acrylonitrile	250.000	263.527	-5.4	77	0.00
16 T	Acetone	250.000	221.824	11.3	61	0.00
17 T	Carbon Disulfide	50.000	46.890	6.2	63	0.00
18 T	Methyl Acetate	50.000	56.734	-13.5	88	0.01
19 T	Methyl tert-butyl Ether	50.000	54.286	-8.6	74	0.00
20 T	Methylene Chloride	50.000	55.971	-11.9	71	0.00
21 T	trans-1,2-Dichloroethene	50.000	51.216	-2.4	69	0.00
22 T	Diisopropyl ether	50.000	56.871	-13.7	75	0.00
23 T	Vinyl Acetate	250.000	278.111	-11.2	76	0.00
24 P	1,1-Dichloroethane	50.000	55.028	-10.1	72	0.00
25 T	2-Butanone	250.000	256.883	-2.8	74	0.00
26 T	2,2-Dichloropropane	50.000	50.297	-0.6	65	0.00
27 T	cis-1,2-Dichloroethene	50.000	53.918	-7.8	71	0.00
28 T	Bromochloromethane	50.000	52.710	-5.4	76	0.00
29 T	Tetrahydrofuran	250.000	263.365	-5.3	80	0.00
30 C	Chloroform	50.000	55.938	-11.9#	74	0.00
31 T	Cyclohexane	50.000	47.675	4.7	65	0.00
32 T	1,1,1-Trichloroethane	50.000	55.134	-10.3	72	0.00
33 S	1,2-Dichloroethane-d4	50.000	53.561	-7.1	70	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	66	0.00
35 S	Dibromofluoromethane	50.000	51.562	-3.1	66	0.00
36 T	1,1-Dichloropropene	50.000	51.112	-2.2	69	0.00
37 T	Ethyl Acetate	50.000	52.694	-5.4	80	0.00
38 T	Carbon Tetrachloride	50.000	52.962	-5.9	71	0.00
39 T	Methylcyclohexane	50.000	48.658	2.7	65	0.00
40 TM	Benzene	50.000	52.821	-5.6	71	0.00
41 T	Methacrylonitrile	50.000	53.870	-7.7	68	-0.01
42 TM	1,2-Dichloroethane	50.000	54.702	-9.4	77	0.00
43 T	Isopropyl Acetate	50.000	54.366	-8.7	81	0.00
44 TM	Trichloroethene	50.000	52.685	-5.4	71	0.00
45 C	1,2-Dichloropropane	50.000	54.065	-8.1#	73	0.00
46 T	Dibromomethane	50.000	53.694	-7.4	76	0.00
47 T	Bromodichloromethane	50.000	54.809	-9.6	74	0.00
48 T	Methyl methacrylate	50.000	55.005	-10.0	81	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	962.152	3.8	72	0.01
50 S	Toluene-d8	50.000	50.214	-0.4	64	0.00
51 T	4-Methyl-2-Pentanone	250.000	281.377	-12.6	84	0.00
52 CM	Toluene	50.000	52.835	-5.7#	71	0.00
53 T	t-1,3-Dichloropropene	50.000	52.739	-5.5	72	0.00
54 T	cis-1,3-Dichloropropene	50.000	53.120	-6.2	71	0.00
55 T	1,1,2-Trichloroethane	50.000	53.134	-6.3	73	0.00
56 T	Ethyl methacrylate	50.000	54.048	-8.1	77	0.00
57 T	1,3-Dichloropropane	50.000	54.244	-8.5	75	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	292.601	-17.0	81	0.00
59 T	2-Hexanone	250.000	276.409	-10.6	82	0.00
60 T	Dibromochloromethane	50.000	53.564	-7.1	75	0.00
61 T	1,2-Dibromoethane	50.000	53.962	-7.9	76	0.00
62 S	4-Bromofluorobenzene	50.000	51.639	-3.3	68	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	69	0.00
64 T	Tetrachloroethene	50.000	52.821	-5.6	74	0.00
65 PM	Chlorobenzene	50.000	52.291	-4.6	72	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	53.018	-6.0	73	0.00
67 C	Ethyl Benzene	50.000	52.065	-4.1#	71	0.00
68 T	m/p-Xylenes	100.000	104.053	-4.1	71	0.00
69 T	o-Xylene	50.000	52.602	-5.2	72	0.00
70 T	Styrene	50.000	53.533	-7.1	73	0.00
71 P	Bromoform	50.000	53.159	-6.3	76	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	73	0.00
73 T	Isopropylbenzene	50.000	50.664	-1.3	71	0.00
74 T	N-amyl acetate	50.000	52.997	-6.0	80	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	52.187	-4.4	81	0.00
76 T	1,2,3-Trichloropropane	50.000	45.896	8.2	71	0.00
77 T	Bromobenzene	50.000	51.324	-2.6	74	0.00
78 T	n-propylbenzene	50.000	51.113	-2.2	72	0.00
79 T	2-Chlorotoluene	50.000	51.403	-2.8	73	0.00
80 T	1,3,5-Trimethylbenzene	50.000	50.942	-1.9	72	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	49.120	1.8	77	0.00
82 T	4-Chlorotoluene	50.000	51.842	-3.7	74	0.00
83 T	tert-Butylbenzene	50.000	50.603	-1.2	71	0.00
84 T	1,2,4-Trimethylbenzene	50.000	51.940	-3.9	73	0.00
85 T	sec-Butylbenzene	50.000	51.015	-2.0	71	0.00
86 T	p-Isopropyltoluene	50.000	51.061	-2.1	71	0.00
87 T	1,3-Dichlorobenzene	50.000	51.341	-2.7	73	0.00
88 T	1,4-Dichlorobenzene	50.000	50.850	-1.7	74	0.00
89 T	n-Butylbenzene	50.000	51.157	-2.3	72	0.00
90 T	Hexachloroethane	50.000	52.388	-4.8	74	0.00
91 T	1,2-Dichlorobenzene	50.000	52.211	-4.4	76	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	53.370	-6.7	88	0.00
93 T	1,2,4-Trichlorobenzene	50.000	52.269	-4.5	77	0.00
94 T	Hexachlorobutadiene	50.000	50.279	-0.6	71	0.00
95 T	Naphthalene	50.000	53.405	-6.8	83	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	52.325	-4.7	78	0.00

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