

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051321\
 Data File : VY004759.D
 Acq On : 13 May 2021 12:20
 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: May 14 02:26:24 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051021S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 11 04:13:44 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	106	0.00
2 T	Dichlorodifluoromethane	50.000	54.730	-9.5	116	0.00
3 P	Chloromethane	50.000	50.570	-1.1	112	0.00
4 C	Vinyl Chloride	50.000	50.783	-1.6#	112	0.00
5 T	Bromomethane	50.000	54.156	-8.3	116	0.00
6 T	Chloroethane	50.000	52.652	-5.3	111	0.00
7 T	Trichlorofluoromethane	50.000	54.289	-8.6	114	0.00
8 T	Diethyl Ether	50.000	53.477	-7.0	117	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	54.947	-9.9	117	0.01
10 T	Methyl Iodide	50.000	57.423	-14.8	119	0.00
11 T	Tert butyl alcohol	250.000	249.019	0.4	122	0.01
12 CM	1,1-Dichloroethene	50.000	54.112	-8.2#	114	0.00
13 T	Acrolein	250.000	258.853	-3.5	115	0.00
14 T	Allyl chloride	50.000	54.354	-8.7	115	0.00
15 T	Acrylonitrile	250.000	267.224	-6.9	116	0.00
16 T	Acetone	250.000	239.651	4.1	106	0.00
17 T	Carbon Disulfide	50.000	56.137	-12.3	117	0.00
18 T	Methyl Acetate	50.000	52.918	-5.8	118	0.00
19 T	Methyl tert-butyl Ether	50.000	55.135	-10.3	118	0.00
20 T	Methylene Chloride	50.000	55.040	-10.1	114	0.01
21 T	trans-1,2-Dichloroethene	50.000	54.468	-8.9	113	0.00
22 T	Diisopropyl ether	50.000	56.908	-13.8	119	0.00
23 T	Vinyl Acetate	250.000	281.624	-12.6	118	0.00
24 P	1,1-Dichloroethane	50.000	55.494	-11.0	117	0.00
25 T	2-Butanone	250.000	263.243	-5.3	115	0.00
26 T	2,2-Dichloropropane	50.000	57.349	-14.7	120	0.00
27 T	cis-1,2-Dichloroethene	50.000	56.020	-12.0	118	0.00
28 T	Bromochloromethane	50.000	51.200	-2.4	107	0.00
29 T	Tetrahydrofuran	250.000	271.844	-8.7	118	0.00
30 C	Chloroform	50.000	54.873	-9.7#	115	0.00
31 T	Cyclohexane	50.000	53.063	-6.1	115	0.00
32 T	1,1,1-Trichloroethane	50.000	55.600	-11.2	116	0.00
33 S	1,2-Dichloroethane-d4	50.000	49.832	0.3	106	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	108	0.00
35 S	Dibromofluoromethane	50.000	52.726	-5.5	105	0.00
36 T	1,1-Dichloropropene	50.000	55.779	-11.6	117	0.00
37 T	Ethyl Acetate	50.000	53.769	-7.5	119	0.00
38 T	Carbon Tetrachloride	50.000	58.014	-16.0	117	0.00
39 T	Methylcyclohexane	50.000	57.730	-15.5	117	0.00
40 TM	Benzene	50.000	56.069	-12.1	116	0.00
41 T	Methacrylonitrile	50.000	47.314	5.4	92	0.00
42 TM	1,2-Dichloroethane	50.000	54.588	-9.2	115	0.00
43 T	Isopropyl Acetate	50.000	55.960	-11.9	118	0.00
44 TM	Trichloroethene	50.000	55.551	-11.1	114	0.00
45 C	1,2-Dichloropropane	50.000	56.237	-12.5#	117	0.00
46 T	Dibromomethane	50.000	54.775	-9.5	116	0.00
47 T	Bromodichloromethane	50.000	56.299	-12.6	117	0.00
48 T	Methyl methacrylate	50.000	56.484	-13.0	120	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	1030.418	-3.0	112	0.00
50 S	Toluene-d8	50.000	51.108	-2.2	104	0.00
51 T	4-Methyl-2-Pentanone	250.000	281.145	-12.5	120	0.00
52 CM	Toluene	50.000	56.505	-13.0#	116	0.00
53 T	t-1,3-Dichloropropene	50.000	56.077	-12.2	116	0.00
54 T	cis-1,3-Dichloropropene	50.000	55.969	-11.9	117	0.00
55 T	1,1,2-Trichloroethane	50.000	55.663	-11.3	118	0.00
56 T	Ethyl methacrylate	50.000	57.758	-15.5	119	0.00
57 T	1,3-Dichloropropane	50.000	55.885	-11.8	116	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	247.881	0.8	110	0.00
59 T	2-Hexanone	250.000	281.462	-12.6	118	0.00
60 T	Dibromochloromethane	50.000	55.556	-11.1	118	0.00
61 T	1,2-Dibromoethane	50.000	55.835	-11.7	115	0.00
62 S	4-Bromofluorobenzene	50.000	50.205	-0.4	103	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	106	0.00
64 T	Tetrachloroethene	50.000	54.966	-9.9	112	0.00
65 PM	Chlorobenzene	50.000	56.960	-13.9	116	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	56.527	-13.1	115	0.00
67 C	Ethyl Benzene	50.000	57.979	-16.0#	116	0.00
68 T	m/p-Xylenes	100.000	116.645	-16.6	116	0.00
69 T	o-Xylene	50.000	57.760	-15.5	115	0.00
70 T	Styrene	50.000	58.807	-17.6	115	0.00
71 P	Bromoform	50.000	56.503	-13.0	116	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	104	0.00
73 T	Isopropylbenzene	50.000	58.597	-17.2	115	0.00
74 T	N-ethyl acetate	50.000	58.828	-17.7	117	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	57.216	-14.4	117	0.00
76 T	1,2,3-Trichloropropane	50.000	51.060	-2.1	105	0.00
77 T	Bromobenzene	50.000	56.361	-12.7	115	0.00
78 T	n-propylbenzene	50.000	59.017	-18.0	115	0.00
79 T	2-Chlorotoluene	50.000	58.152	-16.3	115	0.00
80 T	1,3,5-Trimethylbenzene	50.000	58.780	-17.6	114	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	56.711	-13.4	116	0.00
82 T	4-Chlorotoluene	50.000	58.864	-17.7	116	0.00
83 T	tert-Butylbenzene	50.000	58.146	-16.3	112	0.00
84 T	1,2,4-Trimethylbenzene	50.000	58.719	-17.4	115	0.00
85 T	sec-Butylbenzene	50.000	59.597	-19.2	115	0.00
86 T	p-Isopropyltoluene	50.000	59.732	-19.5	115	0.00
87 T	1,3-Dichlorobenzene	50.000	57.192	-14.4	115	0.00
88 T	1,4-Dichlorobenzene	50.000	56.883	-13.8	114	0.00
89 T	n-Butylbenzene	50.000	59.308	-18.6	113	0.00
90 T	Hexachloroethane	50.000	58.859	-17.7	114	0.00
91 T	1,2-Dichlorobenzene	50.000	57.069	-14.1	114	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	52.953	-5.9	115	0.00
93 T	1,2,4-Trichlorobenzene	50.000	57.862	-15.7	114	0.00
94 T	Hexachlorobutadiene	50.000	57.748	-15.5	112	0.00
95 T	Naphthalene	50.000	59.202	-18.4	117	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	57.953	-15.9	116	0.00

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