

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051421\
 Data File : VY004791.D
 Acq On : 14 May 2021 18:26
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.02G/5ML/MSVOA_Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 LabSampleId :
 VSTDCCC050

Quant Time: May 15 04:00:54 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	116	0.00
2 T	Dichlorodifluoromethane	50.000	45.524	9.0	105	0.00
3 P	Chloromethane	50.000	43.682	12.6	106	0.00
4 C	Vinyl Chloride	50.000	44.749	10.5#	107	0.00
5 T	Bromomethane	50.000	48.507	3.0	114	0.00
6 T	Chloroethane	50.000	48.393	3.2	111	0.00
7 T	Trichlorofluoromethane	50.000	50.199	-0.4	115	0.00
8 T	Diethyl Ether	50.000	52.016	-4.0	124	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	49.200	1.6	114	0.00
10 T	Methyl Iodide	50.000	51.699	-3.4	116	0.00
11 T	Tert butyl alcohol	250.000	267.714	-7.1	142	0.00
12 CM	1,1-Dichloroethene	50.000	49.734	0.5#	114	0.00
13 T	Acrolein	250.000	171.773	31.3#	83	0.00
14 T	Allyl chloride	50.000	50.864	-1.7	117	0.00
15 T	Acrylonitrile	250.000	265.791	-6.3	126	0.00
16 T	Acetone	250.000	273.847	-9.5	132	0.00
17 T	Carbon Disulfide	50.000	48.122	3.8	109	0.00
18 T	Methyl Acetate	50.000	53.847	-7.7	131	0.00
19 T	Methyl tert-butyl Ether	50.000	55.074	-10.1	128	0.00
20 T	Methylene Chloride	50.000	66.098	-32.2#	145	0.00
21 T	trans-1,2-Dichloroethene	50.000	50.769	-1.5	115	0.00
22 T	Diisopropyl ether	50.000	53.856	-7.7	122	0.00
23 T	Vinyl Acetate	250.000	269.483	-7.8	122	0.00
24 P	1,1-Dichloroethane	50.000	52.511	-5.0	120	0.00
25 T	2-Butanone	250.000	276.928	-10.8	132	0.00
26 T	2,2-Dichloropropane	50.000	51.352	-2.7	117	0.00
27 T	cis-1,2-Dichloroethene	50.000	53.062	-6.1	122	0.00
28 T	Bromochloromethane	50.000	52.670	-5.3	119	0.00
29 T	Tetrahydrofuran	250.000	268.659	-7.5	127	0.00
30 C	Chloroform	50.000	53.499	-7.0#	122	0.00
31 T	Cyclohexane	50.000	46.817	6.4	111	0.00
32 T	1,1,1-Trichloroethane	50.000	52.353	-4.7	119	0.00
33 S	1,2-Dichloroethane-d4	50.000	53.750	-7.5	124	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	120	0.00
35 S	Dibromofluoromethane	50.000	52.541	-5.1	117	0.00
36 T	1,1-Dichloropropene	50.000	49.668	0.7	115	0.00
37 T	Ethyl Acetate	50.000	51.259	-2.5	126	0.00
38 T	Carbon Tetrachloride	50.000	51.902	-3.8	117	0.00
39 T	Methylcyclohexane	50.000	49.756	0.5	112	0.00
40 TM	Benzene	50.000	51.545	-3.1	119	0.00
41 T	Methacrylonitrile	50.000	47.969	4.1	104	0.00
42 TM	1,2-Dichloroethane	50.000	52.904	-5.8	124	0.00
43 T	Isopropyl Acetate	50.000	54.354	-8.7	128	0.00
44 TM	Trichloroethene	50.000	51.326	-2.7	118	0.00
45 C	1,2-Dichloropropane	50.000	52.251	-4.5#	121	0.00
46 T	Dibromomethane	50.000	52.844	-5.7	125	0.00
47 T	Bromodichloromethane	50.000	53.804	-7.6	125	0.00
48 T	Methyl methacrylate	50.000	54.261	-8.5	128	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	982.537	1.7	119	0.00
50 S	Toluene-d8	50.000	51.221	-2.4	116	0.00
51 T	4-Methyl-2-Pentanone	250.000	272.394	-9.0	129	0.00
52 CM	Toluene	50.000	52.379	-4.8#	120	0.00
53 T	t-1,3-Dichloropropene	50.000	53.290	-6.6	123	0.00
54 T	cis-1,3-Dichloropropene	50.000	52.498	-5.0	122	0.00
55 T	1,1,2-Trichloroethane	50.000	53.337	-6.7	126	0.00
56 T	Ethyl methacrylate	50.000	56.165	-12.3	129	0.00
57 T	1,3-Dichloropropane	50.000	53.380	-6.8	124	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	264.153	-5.7	130	0.00
59 T	2-Hexanone	250.000	277.858	-11.1	130	0.00
60 T	Dibromochloromethane	50.000	53.467	-6.9	126	0.00
61 T	1,2-Dibromoethane	50.000	53.771	-7.5	124	0.00
62 S	4-Bromofluorobenzene	50.000	52.335	-4.7	120	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	121	0.00
64 T	Tetrachloroethene	50.000	49.228	1.5	115	0.00
65 PM	Chlorobenzene	50.000	51.675	-3.3	120	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	51.681	-3.4	121	0.00
67 C	Ethyl Benzene	50.000	51.813	-3.6#	119	0.00
68 T	m/p-Xylenes	100.000	104.238	-4.2	118	0.00
69 T	o-Xylene	50.000	52.872	-5.7	120	0.00
70 T	Styrene	50.000	54.483	-9.0	122	0.00
71 P	Bromoform	50.000	54.120	-8.2	127	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	118	0.00
73 T	Isopropylbenzene	50.000	52.234	-4.5	117	0.00
74 T	N-ethyl acetate	50.000	54.709	-9.4	125	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	53.993	-8.0	127	0.00
76 T	1,2,3-Trichloropropane	50.000	55.517	-11.0	130	0.00
77 T	Bromobenzene	50.000	52.650	-5.3	122	0.00
78 T	n-propylbenzene	50.000	51.730	-3.5	115	0.00
79 T	2-Chlorotoluene	50.000	52.718	-5.4	120	0.00
80 T	1,3,5-Trimethylbenzene	50.000	52.709	-5.4	117	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	53.077	-6.2	124	0.00
82 T	4-Chlorotoluene	50.000	52.852	-5.7	119	0.00
83 T	tert-Butylbenzene	50.000	53.372	-6.7	117	0.00
84 T	1,2,4-Trimethylbenzene	50.000	52.800	-5.6	118	0.00
85 T	sec-Butylbenzene	50.000	52.195	-4.4	115	0.00
86 T	p-Isopropyltoluene	50.000	52.376	-4.8	115	0.00
87 T	1,3-Dichlorobenzene	50.000	51.281	-2.6	118	0.00
88 T	1,4-Dichlorobenzene	50.000	51.391	-2.8	117	0.00
89 T	n-Butylbenzene	50.000	50.604	-1.2	110	0.00
90 T	Hexachloroethane	50.000	52.747	-5.5	117	0.00
91 T	1,2-Dichlorobenzene	50.000	52.063	-4.1	119	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	51.707	-3.4	129	0.00
93 T	1,2,4-Trichlorobenzene	50.000	49.184	1.6	111	0.00
94 T	Hexachlorobutadiene	50.000	48.463	3.1	108	0.00
95 T	Naphthalene	50.000	53.715	-7.4	121	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	49.639	0.7	113	0.00

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