

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW052121\
 Data File : VW019050.D
 Acq On : 20 May 2021 19:17
 Operator : SY/VA
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_W
 LabSampleId :
 VSTDCCC050

Quant Time: May 21 05:03:10 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W051921S.M
 Quant Title : SW846 8260
 QLast Update : Thu May 20 03:59:48 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	96	0.00
2 T	Dichlorodifluoromethane	50.000	54.527	-9.1	97	0.00
3 P	Chloromethane	50.000	52.884	-5.8	99	0.00
4 C	Vinyl Chloride	50.000	55.620	-11.2#	100	0.00
5 T	Bromomethane	50.000	52.470	-4.9	101	0.00
6 T	Chloroethane	50.000	53.621	-7.2	101	0.00
7 T	Trichlorofluoromethane	50.000	47.869	4.3	86	0.00
8 T	Diethyl Ether	50.000	56.221	-12.4	107	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	53.663	-7.3	100	0.00
10 T	Methyl Iodide	50.000	53.811	-7.6	99	0.00
11 T	Tert butyl alcohol	250.000	296.202	-18.5	116	0.00
12 CM	1,1-Dichloroethene	50.000	55.248	-10.5#	100	0.00
13 T	Acrolein	250.000	203.938	18.4	82	0.00
14 T	Allyl chloride	50.000	52.930	-5.9	97	0.00
15 T	Acrylonitrile	250.000	283.644	-13.5	110	0.00
16 T	Acetone	250.000	268.764	-7.5	107	0.00
17 T	Carbon Disulfide	50.000	54.926	-9.9	98	0.00
18 T	Methyl Acetate	50.000	56.516	-13.0	114	0.00
19 T	Methyl tert-butyl Ether	50.000	55.879	-11.8	106	0.00
20 T	Methylene Chloride	50.000	59.849	-19.7	109	0.00
21 T	trans-1,2-Dichloroethene	50.000	55.016	-10.0	103	0.00
22 T	Diisopropyl ether	50.000	55.683	-11.4	105	0.00
23 T	Vinyl Acetate	250.000	286.352	-14.5	107	0.00
24 P	1,1-Dichloroethane	50.000	54.795	-9.6	102	0.00
25 T	2-Butanone	250.000	285.636	-14.3	112	0.00
26 T	2,2-Dichloropropane	50.000	52.341	-4.7	100	0.00
27 T	cis-1,2-Dichloroethene	50.000	55.952	-11.9	104	0.00
28 T	Bromochloromethane	50.000	54.448	-8.9	99	0.00
29 T	Tetrahydrofuran	250.000	288.185	-15.3	113	0.00
30 C	Chloroform	50.000	55.586	-11.2#	105	0.00
31 T	Cyclohexane	50.000	50.591	-1.2	99	0.00
32 T	1,1,1-Trichloroethane	50.000	54.853	-9.7	101	0.00
33 S	1,2-Dichloroethane-d4	50.000	53.694	-7.4	103	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	100	0.00
35 S	Dibromofluoromethane	50.000	52.387	-4.8	102	0.00
36 T	1,1-Dichloropropene	50.000	54.037	-8.1	103	0.00
37 T	Ethyl Acetate	50.000	53.900	-7.8	109	0.00
38 T	Carbon Tetrachloride	50.000	54.066	-8.1	100	0.00
39 T	Methylcyclohexane	50.000	53.712	-7.4	99	0.00
40 TM	Benzene	50.000	54.313	-8.6	104	0.00
41 T	Methacrylonitrile	50.000	60.412	-20.8	125	0.00
42 TM	1,2-Dichloroethane	50.000	55.148	-10.3	106	0.00
43 T	Isopropyl Acetate	50.000	57.678	-15.4	112	0.00
44 TM	Trichloroethene	50.000	54.585	-9.2	102	0.00
45 C	1,2-Dichloropropane	50.000	54.860	-9.7#	105	0.00
46 T	Dibromomethane	50.000	54.853	-9.7	106	0.00
47 T	Bromodichloromethane	50.000	55.383	-10.8	105	0.00
48 T	Methyl methacrylate	50.000	57.524	-15.0	111	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	1226.127	-22.6	117	0.00
50 S	Toluene-d8	50.000	51.623	-3.2	100	0.00
51 T	4-Methyl-2-Pentanone	250.000	280.844	-12.3	111	0.00
52 CM	Toluene	50.000	54.610	-9.2#	102	0.00
53 T	t-1,3-Dichloropropene	50.000	57.497	-15.0	107	0.00
54 T	cis-1,3-Dichloropropene	50.000	55.940	-11.9	105	0.00
55 T	1,1,2-Trichloroethane	50.000	55.101	-10.2	107	0.00
56 T	Ethyl methacrylate	50.000	58.348	-16.7	110	0.00
57 T	1,3-Dichloropropane	50.000	55.969	-11.9	107	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	271.741	-8.7	102	0.00
59 T	2-Hexanone	250.000	290.193	-16.1	113	0.00
60 T	Dibromochloromethane	50.000	57.528	-15.1	107	0.00
61 T	1,2-Dibromoethane	50.000	55.250	-10.5	105	0.00
62 S	4-Bromofluorobenzene	50.000	51.952	-3.9	103	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	101	0.00
64 T	Tetrachloroethene	50.000	51.791	-3.6	102	0.00
65 PM	Chlorobenzene	50.000	53.256	-6.5	105	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	55.020	-10.0	105	0.00
67 C	Ethyl Benzene	50.000	53.066	-6.1#	101	0.00
68 T	m/p-Xylenes	100.000	107.111	-7.1	102	0.00
69 T	o-Xylene	50.000	55.668	-11.3	105	0.00
70 T	Styrene	50.000	56.130	-12.3	106	0.00
71 P	Bromoform	50.000	55.084	-10.2	106	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	106	0.00
73 T	Isopropylbenzene	50.000	50.820	-1.6	101	0.00
74 T	N-ethyl acetate	50.000	54.436	-8.9	111	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	52.046	-4.1	109	0.00
76 T	1,2,3-Trichloropropane	50.000	47.288	5.4	91	0.00
77 T	Bromobenzene	50.000	51.297	-2.6	104	0.00
78 T	n-propylbenzene	50.000	51.741	-3.5	102	0.00
79 T	2-Chlorotoluene	50.000	50.684	-1.4	102	0.00
80 T	1,3,5-Trimethylbenzene	50.000	51.646	-3.3	103	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	53.081	-6.2	108	0.00
82 T	4-Chlorotoluene	50.000	51.679	-3.4	104	0.00
83 T	tert-Butylbenzene	50.000	51.605	-3.2	103	0.00
84 T	1,2,4-Trimethylbenzene	50.000	52.717	-5.4	104	0.00
85 T	sec-Butylbenzene	50.000	51.426	-2.9	102	0.00
86 T	p-Isopropyltoluene	50.000	51.494	-3.0	99	0.00
87 T	1,3-Dichlorobenzene	50.000	52.503	-5.0	105	0.00
88 T	1,4-Dichlorobenzene	50.000	51.595	-3.2	105	0.00
89 T	n-Butylbenzene	50.000	51.788	-3.6	100	0.00
90 T	Hexachloroethane	50.000	52.635	-5.3	101	0.00
91 T	1,2-Dichlorobenzene	50.000	52.675	-5.3	106	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	53.272	-6.5	111	0.00
93 T	1,2,4-Trichlorobenzene	50.000	52.333	-4.7	108	0.00
94 T	Hexachlorobutadiene	50.000	50.049	-0.1	98	0.00
95 T	Naphthalene	50.000	55.767	-11.5	111	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	53.614	-7.2	108	0.00

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