

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD070821\
 Data File : VD069622.D
 Acq On : 08 Jul 2021 10:38
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 LabSampleId :
 VSTDCCC050

Quant Time: Jul 09 01:00:17 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D062121S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 22 04:33:24 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	99	0.00
2 T	Dichlorodifluoromethane	50.000	45.260	9.5	94	0.00
3 P	Chloromethane	50.000	42.454	15.1	86	0.00
4 C	Vinyl Chloride	50.000	43.182	13.6#	85	0.00
5 T	Bromomethane	50.000	44.021	12.0	85	0.00
6 T	Chloroethane	50.000	43.115	13.8	85	0.00
7 T	Trichlorofluoromethane	50.000	49.636	0.7	98	0.00
8 T	Diethyl Ether	50.000	50.229	-0.5	97	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	50.380	-0.8	103	0.00
10 T	Methyl Iodide	50.000	43.815	12.4	86	0.00
11 T	Tert butyl alcohol	250.000	421.099	-68.4#	160	0.00
12 CM	1,1-Dichloroethene	50.000	50.359	-0.7#	98	0.00
13 T	Acrolein	250.000	194.758	22.1	70	0.00
14 T	Allyl chloride	50.000	54.066	-8.1	103	0.00
15 T	Acrylonitrile	250.000	275.758	-10.3	107	0.00
16 T	Acetone	250.000	294.929	-18.0	115	0.00
17 T	Carbon Disulfide	50.000	48.058	3.9	92	0.00
18 T	Methyl Acetate	50.000	56.510	-13.0	115	-0.01
19 T	Methyl tert-butyl Ether	50.000	51.845	-3.7	97	0.00
20 T	Methylene Chloride	50.000	51.648	-3.3	102	0.00
21 T	trans-1,2-Dichloroethene	50.000	51.343	-2.7	98	0.00
22 T	Diisopropyl ether	50.000	57.965	-15.9	107	0.00
23 T	Vinyl Acetate	250.000	253.639	-1.5	101	0.00
24 P	1,1-Dichloroethane	50.000	52.251	-4.5	103	0.00
25 T	2-Butanone	250.000	291.025	-16.4	111	0.00
26 T	2,2-Dichloropropane	50.000	53.982	-8.0	107	0.00
27 T	cis-1,2-Dichloroethene	50.000	52.339	-4.7	101	0.00
28 T	Bromochloromethane	50.000	55.005	-10.0	109	0.00
29 T	Tetrahydrofuran	250.000	291.199	-16.5	108	0.00
30 C	Chloroform	50.000	51.601	-3.2#	104	0.00
31 T	Cyclohexane	50.000	50.310	-0.6	100	0.00
32 T	1,1,1-Trichloroethane	50.000	52.344	-4.7	103	0.00
33 S	1,2-Dichloroethane-d4	50.000	47.761	4.5	102	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	99	0.00
35 S	Dibromofluoromethane	50.000	50.300	-0.6	102	0.00
36 T	1,1-Dichloropropene	50.000	53.728	-7.5	100	0.00
37 T	Ethyl Acetate	50.000	55.515	-11.0	103	0.00
38 T	Carbon Tetrachloride	50.000	53.295	-6.6	102	0.00
39 T	Methylcyclohexane	50.000	53.114	-6.2	95	0.00
40 TM	Benzene	50.000	54.392	-8.8	104	0.00
41 T	Methacrylonitrile	50.000	49.450	1.1	108	0.00
42 TM	1,2-Dichloroethane	50.000	51.603	-3.2	100	0.00
43 T	Isopropyl Acetate	50.000	54.919	-9.8	103	0.00
44 TM	Trichloroethene	50.000	50.690	-1.4	97	0.00
45 C	1,2-Dichloropropane	50.000	55.568	-11.1#	106	0.00
46 T	Dibromomethane	50.000	53.382	-6.8	103	0.00
47 T	Bromodichloromethane	50.000	52.994	-6.0	103	0.00
48 T	Methyl methacrylate	50.000	54.377	-8.8	101	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	1110.307	-11.0	102	0.00
50 S	Toluene-d8	50.000	51.775	-3.5	104	0.00
51 T	4-Methyl-2-Pentanone	250.000	297.644	-19.1	108	0.00
52 CM	Toluene	50.000	54.750	-9.5#	102	0.00
53 T	t-1,3-Dichloropropene	50.000	53.470	-6.9	101	0.00
54 T	cis-1,3-Dichloropropene	50.000	53.320	-6.6	102	0.00
55 T	1,1,2-Trichloroethane	50.000	53.459	-6.9	105	0.00
56 T	Ethyl methacrylate	50.000	51.082	-2.2	101	0.00
57 T	1,3-Dichloropropane	50.000	54.465	-8.9	104	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	269.841	-7.9	107	0.00
59 T	2-Hexanone	250.000	310.387	-24.2	110	0.00
60 T	Dibromochloromethane	50.000	53.388	-6.8	102	0.00
61 T	1,2-Dibromoethane	50.000	53.103	-6.2	100	0.00
62 S	4-Bromofluorobenzene	50.000	54.785	-9.6	108	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	100	0.00
64 T	Tetrachloroethene	50.000	50.001	-0.0	98	0.00
65 PM	Chlorobenzene	50.000	52.007	-4.0	102	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	52.477	-5.0	103	0.00
67 C	Ethyl Benzene	50.000	55.244	-10.5#	102	0.00
68 T	m/p-Xylenes	100.000	112.243	-12.2	102	0.00
69 T	o-Xylene	50.000	55.041	-10.1	98	0.00
70 T	Styrene	50.000	56.931	-13.9	102	0.00
71 P	Bromoform	50.000	52.461	-4.9	102	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	101	0.00
73 T	Isopropylbenzene	50.000	54.837	-9.7	101	0.00
74 T	N-amyl acetate	50.000	56.954	-13.9	106	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	52.709	-5.4	104	0.00
76 T	1,2,3-Trichloropropane	50.000	53.548	-7.1	103	0.00
77 T	Bromobenzene	50.000	51.913	-3.8	99	0.00
78 T	n-propylbenzene	50.000	56.169	-12.3	103	0.00
79 T	2-Chlorotoluene	50.000	54.662	-9.3	103	0.00
80 T	1,3,5-Trimethylbenzene	50.000	56.190	-12.4	101	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	52.987	-6.0	104	0.00
82 T	4-Chlorotoluene	50.000	54.827	-9.7	103	0.00
83 T	tert-Butylbenzene	50.000	50.097	-0.2	97	0.00
84 T	1,2,4-Trimethylbenzene	50.000	56.711	-13.4	103	0.00
85 T	sec-Butylbenzene	50.000	55.992	-12.0	102	0.00
86 T	p-Isopropyltoluene	50.000	56.779	-13.6	101	0.00
87 T	1,3-Dichlorobenzene	50.000	53.228	-6.5	103	0.00
88 T	1,4-Dichlorobenzene	50.000	51.887	-3.8	102	0.00
89 T	n-Butylbenzene	50.000	55.830	-11.7	101	0.00
90 T	Hexachloroethane	50.000	52.586	-5.2	103	0.00
91 T	1,2-Dichlorobenzene	50.000	52.120	-4.2	101	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	52.042	-4.1	110	0.00
93 T	1,2,4-Trichlorobenzene	50.000	52.367	-4.7	97	0.00
94 T	Hexachlorobutadiene	50.000	52.476	-5.0	101	0.00
95 T	Naphthalene	50.000	47.371	5.3	96	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	52.675	-5.3	97	0.00

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