

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD122121\
 Data File : VD071424.D
 Acq On : 21 Dec 2021 21:30
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 LabSampleId :
 VSTDCCC050

Quant Time: Dec 21 21:47:57 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D112921S.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 29 17:54:09 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	100	0.00
2 T	Dichlorodifluoromethane	50.000	40.821	18.4	89	0.00
3 P	Chloromethane	50.000	45.352	9.3	96	0.00
4 C	Vinyl Chloride	50.000	47.870	4.3#	97	0.00
5 T	Bromomethane	50.000	48.926	2.1	104	0.00
6 T	Chloroethane	50.000	51.852	-3.7	102	-0.01
7 T	Trichlorofluoromethane	50.000	53.343	-6.7	107	0.00
8 T	Diethyl Ether	50.000	62.359	-24.7	126	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	50.913	-1.8	102	0.00
10 T	Methyl Iodide	50.000	48.600	2.8	101	0.00
11 T	Tert butyl alcohol	250.000	350.781	-40.3#	136	0.00
12 CM	1,1-Dichloroethene	50.000	50.078	-0.2#	103	0.00
13 T	Acrolein	250.000	229.582	8.2	108	0.00
14 T	Allyl chloride	50.000	55.780	-11.6	110	0.00
15 T	Acrylonitrile	250.000	340.154	-36.1#	142	0.00
16 T	Acetone	250.000	271.690	-8.7	127	0.00
17 T	Carbon Disulfide	50.000	40.427	19.1	83	0.00
18 T	Methyl Acetate	50.000	67.787	-35.6#	152	0.00
19 T	Methyl tert-butyl Ether	50.000	64.567	-29.1#	131	0.00
20 T	Methylene Chloride	50.000	59.777	-19.6	121	0.00
21 T	trans-1,2-Dichloroethene	50.000	52.083	-4.2	104	0.00
22 T	Diisopropyl ether	50.000	61.992	-24.0	122	0.00
23 T	Vinyl Acetate	250.000	282.582	-13.0	129	0.00
24 P	1,1-Dichloroethane	50.000	58.819	-17.6	115	0.00
25 T	2-Butanone	250.000	289.677	-15.9	137	0.00
26 T	2,2-Dichloropropane	50.000	52.113	-4.2	103	0.00
27 T	cis-1,2-Dichloroethene	50.000	59.495	-19.0	115	0.00
28 T	Bromochloromethane	50.000	55.172	-10.3	110	0.00
29 T	Tetrahydrofuran	250.000	351.462	-40.6#	153	0.00
30 C	Chloroform	50.000	60.836	-21.7#	119	0.00
31 T	Cyclohexane	50.000	45.481	9.0	96	0.00
32 T	1,1,1-Trichloroethane	50.000	57.813	-15.6	112	0.00
33 S	1,2-Dichloroethane-d4	50.000	51.822	-3.6	114	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	103	0.00
35 S	Dibromofluoromethane	50.000	49.956	0.1	107	0.00
36 T	1,1-Dichloropropene	50.000	50.496	-1.0	103	0.00
37 T	Ethyl Acetate	50.000	66.299	-32.6#	152	0.00
38 T	Carbon Tetrachloride	50.000	53.578	-7.2	109	0.00
39 T	Methylcyclohexane	50.000	46.040	7.9	94	0.00
40 TM	Benzene	50.000	53.743	-7.5	110	0.00
41 T	Methacrylonitrile	50.000	76.547	-53.1#	173	0.00
42 TM	1,2-Dichloroethane	50.000	60.767	-21.5	127	0.00
43 T	Isopropyl Acetate	50.000	57.376	-14.8	139	0.00
44 TM	Trichloroethene	50.000	52.296	-4.6	107	0.00
45 C	1,2-Dichloropropane	50.000	56.602	-13.2#	114	0.00
46 T	Dibromomethane	50.000	59.565	-19.1	126	0.00
47 T	Bromodichloromethane	50.000	59.675	-19.3	122	0.00
48 T	Methyl methacrylate	50.000	60.797	-21.6	130	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	1403.113	-40.3#	149	0.00
50 S	Toluene-d8	50.000	44.545	10.9	97	0.00
51 T	4-Methyl-2-Pentanone	250.000	298.254	-19.3	151	0.00
52 CM	Toluene	50.000	54.513	-9.0#	110	0.00
53 T	t-1,3-Dichloropropene	50.000	60.947	-21.9	123	0.00
54 T	cis-1,3-Dichloropropene	50.000	57.616	-15.2	116	0.00
55 T	1,1,2-Trichloroethane	50.000	60.486	-21.0	129	0.00
56 T	Ethyl methacrylate	50.000	56.928	-13.9	141	0.00
57 T	1,3-Dichloropropane	50.000	62.276	-24.6	128	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	300.874	-20.3	137	0.00
59 T	2-Hexanone	250.000	281.376	-12.6	144	0.00
60 T	Dibromochloromethane	50.000	63.274	-26.5#	132	0.00
61 T	1,2-Dibromoethane	50.000	62.382	-24.8	132	0.00
62 S	4-Bromofluorobenzene	50.000	50.902	-1.8	111	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	108	0.00
64 T	Tetrachloroethene	50.000	49.230	1.5	106	0.00
65 PM	Chlorobenzene	50.000	55.514	-11.0	117	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	58.347	-16.7	124	0.00
67 C	Ethyl Benzene	50.000	54.737	-9.5#	115	0.00
68 T	m/p-Xylenes	100.000	107.696	-7.7	113	0.00
69 T	o-Xylene	50.000	56.376	-12.8	118	0.00
70 T	Styrene	50.000	57.386	-14.8	119	0.00
71 P	Bromoform	50.000	62.734	-25.5#	138	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	119	0.00
73 T	Isopropylbenzene	50.000	51.549	-3.1	117	0.00
74 T	N-ethyl acetate	50.000	53.514	-7.0	147	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	62.722	-25.4#	148	0.00
76 T	1,2,3-Trichloropropane	50.000	61.596	-23.2	161	0.00
77 T	Bromobenzene	50.000	51.911	-3.8	120	0.00
78 T	n-propylbenzene	50.000	50.730	-1.5	115	0.00
79 T	2-Chlorotoluene	50.000	51.397	-2.8	118	0.00
80 T	1,3,5-Trimethylbenzene	50.000	52.301	-4.6	117	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	50.615	-1.2	139	0.00
82 T	4-Chlorotoluene	50.000	50.890	-1.8	117	0.00
83 T	tert-Butylbenzene	50.000	52.143	-4.3	118	0.00
84 T	1,2,4-Trimethylbenzene	50.000	52.275	-4.5	117	0.00
85 T	sec-Butylbenzene	50.000	50.441	-0.9	114	0.00
86 T	p-Isopropyltoluene	50.000	51.504	-3.0	115	0.00
87 T	1,3-Dichlorobenzene	50.000	52.726	-5.5	119	0.00
88 T	1,4-Dichlorobenzene	50.000	52.558	-5.1	121	0.00
89 T	n-Butylbenzene	50.000	51.283	-2.6	113	0.00
90 T	Hexachloroethane	50.000	52.082	-4.2	116	0.00
91 T	1,2-Dichlorobenzene	50.000	54.030	-8.1	124	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	60.682	-21.4	151	0.00
93 T	1,2,4-Trichlorobenzene	50.000	52.749	-5.5	119	0.00
94 T	Hexachlorobutadiene	50.000	48.214	3.6	107	0.00
95 T	Naphthalene	50.000	63.728	-27.5#	147	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	53.631	-7.3	121	0.00

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