

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD122721\
 Data File : VD071478.D
 Acq On : 27 Dec 2021 10:02
 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 27 16:46:02 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D122221S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 23 08:20:24 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	110	0.00
2 T	Dichlorodifluoromethane	50.000	44.596	10.8	103	0.00
3 P	Chloromethane	50.000	40.256	19.5	93	0.00
4 C	Vinyl Chloride	50.000	39.549	20.9#	92	0.00
5 T	Bromomethane	50.000	41.121	17.8	101	0.03
6 T	Chloroethane	50.000	40.820	18.4	95	0.01
7 T	Trichlorofluoromethane	50.000	49.154	1.7	113	0.01
8 T	Diethyl Ether	50.000	46.961	6.1	107	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	49.580	0.8	116	0.01
10 T	Methyl Iodide	50.000	55.353	-10.7	112	0.00
11 T	Tert butyl alcohol	250.000	161.988	35.2#	85	0.00
12 CM	1,1-Dichloroethene	50.000	49.798	0.4#	115	0.01
13 T	Acrolein	250.000	262.778	-5.1	116	0.00
14 T	Allyl chloride	50.000	50.301	-0.6	114	0.01
15 T	Acrylonitrile	250.000	226.756	9.3	99	0.00
16 T	Acetone	250.000	251.150	-0.5	104	0.00
17 T	Carbon Disulfide	50.000	41.565	16.9	97	0.00
18 T	Methyl Acetate	50.000	43.295	13.4	101	-0.01
19 T	Methyl tert-butyl Ether	50.000	48.444	3.1	107	0.00
20 T	Methylene Chloride	50.000	49.143	1.7	108	0.00
21 T	trans-1,2-Dichloroethene	50.000	48.191	3.6	111	0.00
22 T	Diisopropyl ether	50.000	50.928	-1.9	113	0.00
23 T	Vinyl Acetate	250.000	244.695	2.1	103	0.00
24 P	1,1-Dichloroethane	50.000	50.415	-0.8	115	0.00
25 T	2-Butanone	250.000	223.209	10.7	96	0.00
26 T	2,2-Dichloropropane	50.000	53.811	-7.6	120	0.00
27 T	cis-1,2-Dichloroethene	50.000	50.594	-1.2	114	0.00
28 T	Bromochloromethane	50.000	46.743	6.5	100	0.00
29 T	Tetrahydrofuran	250.000	223.461	10.6	97	0.00
30 C	Chloroform	50.000	51.383	-2.8#	116	0.00
31 T	Cyclohexane	50.000	44.547	10.9	108	0.00
32 T	1,1,1-Trichloroethane	50.000	51.600	-3.2	117	0.00
33 S	1,2-Dichloroethane-d4	50.000	46.261	7.5	100	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	107	0.00
35 S	Dibromofluoromethane	50.000	49.882	0.2	106	0.00
36 T	1,1-Dichloropropene	50.000	49.706	0.6	114	0.00
37 T	Ethyl Acetate	50.000	45.136	9.7	96	0.00
38 T	Carbon Tetrachloride	50.000	52.000	-4.0	116	0.00
39 T	Methylcyclohexane	50.000	46.815	6.4	107	0.00
40 TM	Benzene	50.000	49.393	1.2	112	0.00
41 T	Methacrylonitrile	50.000	47.382	5.2	93	0.00
42 TM	1,2-Dichloroethane	50.000	48.321	3.4	109	0.00
43 T	Isopropyl Acetate	50.000	46.259	7.5	103	0.00
44 TM	Trichloroethene	50.000	50.336	-0.7	116	0.00
45 C	1,2-Dichloropropane	50.000	50.393	-0.8#	116	0.00
46 T	Dibromomethane	50.000	47.449	5.1	105	0.00
47 T	Bromodichloromethane	50.000	50.169	-0.3	113	0.00
48 T	Methyl methacrylate	50.000	46.933	6.1	103	0.00

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 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	1000.000	791.531	20.8	90	0.00
50 S	Toluene-d8	50.000	49.190	1.6	105	0.00
51 T	4-Methyl-2-Pentanone	250.000	224.061	10.4	98	0.00
52 CM	Toluene	50.000	50.545	-1.1#	116	0.00
53 T	t-1,3-Dichloropropene	50.000	50.344	-0.7	111	0.00
54 T	cis-1,3-Dichloropropene	50.000	50.864	-1.7	115	0.00
55 T	1,1,2-Trichloroethane	50.000	49.540	0.9	111	0.00
56 T	Ethyl methacrylate	50.000	49.070	1.9	104	0.00
57 T	1,3-Dichloropropane	50.000	47.753	4.5	106	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	246.012	1.6	108	0.00
59 T	2-Hexanone	250.000	238.926	4.4	101	0.00
60 T	Dibromochloromethane	50.000	50.796	-1.6	111	0.00
61 T	1,2-Dibromoethane	50.000	47.181	5.6	105	0.00
62 S	4-Bromofluorobenzene	50.000	48.765	2.5	106	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	106	0.00
64 T	Tetrachloroethene	50.000	48.927	2.1	113	0.00
65 PM	Chlorobenzene	50.000	50.584	-1.2	112	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	52.426	-4.9	114	0.00
67 C	Ethyl Benzene	50.000	52.279	-4.6#	115	0.00
68 T	m/p-Xylenes	100.000	103.805	-3.8	113	0.00
69 T	o-Xylene	50.000	54.113	-8.2	117	0.00
70 T	Styrene	50.000	52.629	-5.3	113	0.00
71 P	Bromoform	50.000	48.065	3.9	101	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	102	0.00
73 T	Isopropylbenzene	50.000	53.544	-7.1	116	0.00
74 T	N-ethyl acetate	50.000	48.491	3.0	99	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	48.270	3.5	103	0.00
76 T	1,2,3-Trichloropropane	50.000	39.378	21.2	85	0.00
77 T	Bromobenzene	50.000	51.782	-3.6	113	0.00
78 T	n-propylbenzene	50.000	52.908	-5.8	114	0.00
79 T	2-Chlorotoluene	50.000	52.445	-4.9	113	0.00
80 T	1,3,5-Trimethylbenzene	50.000	53.725	-7.5	114	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	47.620	4.8	102	0.00
82 T	4-Chlorotoluene	50.000	51.817	-3.6	112	0.00
83 T	tert-Butylbenzene	50.000	53.947	-7.9	114	0.00
84 T	1,2,4-Trimethylbenzene	50.000	53.589	-7.2	115	0.00
85 T	sec-Butylbenzene	50.000	53.573	-7.1	115	0.00
86 T	p-Isopropyltoluene	50.000	52.916	-5.8	113	0.00
87 T	1,3-Dichlorobenzene	50.000	50.930	-1.9	112	0.00
88 T	1,4-Dichlorobenzene	50.000	50.080	-0.2	110	0.00
89 T	n-Butylbenzene	50.000	53.232	-6.5	115	0.00
90 T	Hexachloroethane	50.000	52.479	-5.0	113	0.00
91 T	1,2-Dichlorobenzene	50.000	51.455	-2.9	110	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	45.213	9.6	102	0.00
93 T	1,2,4-Trichlorobenzene	50.000	51.772	-3.5	110	0.00
94 T	Hexachlorobutadiene	50.000	50.846	-1.7	109	0.00
95 T	Naphthalene	50.000	48.267	3.5	99	0.00

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Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	49.533	0.9	106	0.00

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