

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW112221\
 Data File : VW020946.D
 Acq On : 22 Nov 2021 19:01
 Operator : SY/VA
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_W/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_W
 LabSampleId :
 VSTDCCC050

Quant Time: Nov 23 02:27:14 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W111721S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 18 05:03:38 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	65.657	-31.3#	143	0.00
3 P	Chloromethane	50.000	54.451	-8.9	104	0.00
4 C	Vinyl Chloride	50.000	56.282	-12.6#	102	0.00
5 T	Bromomethane	50.000	66.661	-33.3#	121	0.00
6 T	Chloroethane	50.000	70.368	-40.7#	125	0.01
7 T	Trichlorofluoromethane	50.000	67.037	-34.1#	124	0.00
8 T	Diethyl Ether	50.000	53.272	-6.5	102	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	57.603	-15.2	109	0.00
10 T	Methyl Iodide	50.000	56.577	-13.2	104	0.00
11 T	Tert butyl alcohol	250.000	194.685	22.1	79	0.00
12 CM	1,1-Dichloroethene	50.000	55.369	-10.7#	106	0.00
13 T	Acrolein	250.000	209.235	16.3	94	0.00
14 T	Allyl chloride	50.000	54.889	-9.8	104	0.00
15 T	Acrylonitrile	250.000	252.073	-0.8	93	0.00
16 T	Acetone	250.000	246.740	1.3	90	0.00
17 T	Carbon Disulfide	50.000	53.320	-6.6	98	0.00
18 T	Methyl Acetate	50.000	47.342	5.3	90	0.00
19 T	Methyl tert-butyl Ether	50.000	53.372	-6.7	99	0.00
20 T	Methylene Chloride	50.000	52.795	-5.6	98	0.00
21 T	trans-1,2-Dichloroethene	50.000	53.671	-7.3	101	0.00
22 T	Diisopropyl ether	50.000	53.215	-6.4	100	0.00
23 T	Vinyl Acetate	250.000	263.575	-5.4	98	0.00
24 P	1,1-Dichloroethane	50.000	53.870	-7.7	100	0.00
25 T	2-Butanone	250.000	235.720	5.7	88	0.00
26 T	2,2-Dichloropropane	50.000	54.295	-8.6	109	0.00
27 T	cis-1,2-Dichloroethene	50.000	53.513	-7.0	101	0.00
28 T	Bromochloromethane	50.000	45.886	8.2	85	0.00
29 T	Tetrahydrofuran	250.000	247.434	1.0	92	0.00
30 C	Chloroform	50.000	54.054	-8.1#	102	0.00
31 T	Cyclohexane	50.000	50.747	-1.5	103	0.00
32 T	1,1,1-Trichloroethane	50.000	55.574	-11.1	105	0.00
33 S	1,2-Dichloroethane-d4	50.000	48.405	3.2	90	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	100	0.00
35 S	Dibromofluoromethane	50.000	47.483	5.0	89	0.00
36 T	1,1-Dichloropropene	50.000	53.739	-7.5	103	0.00
37 T	Ethyl Acetate	50.000	48.122	3.8	95	0.00
38 T	Carbon Tetrachloride	50.000	55.549	-11.1	104	0.00
39 T	Methylcyclohexane	50.000	53.490	-7.0	102	0.00
40 TM	Benzene	50.000	51.606	-3.2	101	0.00
41 T	Methacrylonitrile	50.000	49.169	1.7	83	0.00
42 TM	1,2-Dichloroethane	50.000	53.417	-6.8	101	0.00
43 T	Isopropyl Acetate	50.000	50.745	-1.5	94	0.00
44 TM	Trichloroethene	50.000	54.184	-8.4	103	0.00
45 C	1,2-Dichloropropane	50.000	53.112	-6.2#	99	0.00
46 T	Dibromomethane	50.000	52.768	-5.5	100	0.00
47 T	Bromodichloromethane	50.000	53.316	-6.6	100	0.00
48 T	Methyl methacrylate	50.000	52.493	-5.0	100	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	912.615	8.7	83	0.00
50 S	Toluene-d8	50.000	49.215	1.6	93	0.00
51 T	4-Methyl-2-Pentanone	250.000	246.028	1.6	93	0.00
52 CM	Toluene	50.000	54.453	-8.9#	103	0.00
53 T	t-1,3-Dichloropropene	50.000	53.041	-6.1	98	0.00
54 T	cis-1,3-Dichloropropene	50.000	54.076	-8.2	101	0.00
55 T	1,1,2-Trichloroethane	50.000	52.124	-4.2	98	0.00
56 T	Ethyl methacrylate	50.000	52.299	-4.6	97	0.00
57 T	1,3-Dichloropropane	50.000	50.851	-1.7	96	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	232.070	7.2	93	0.00
59 T	2-Hexanone	250.000	249.068	0.4	91	0.00
60 T	Dibromochloromethane	50.000	53.551	-7.1	99	0.00
61 T	1,2-Dibromoethane	50.000	53.880	-7.8	97	0.00
62 S	4-Bromofluorobenzene	50.000	49.072	1.9	93	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	96	0.00
64 T	Tetrachloroethene	50.000	55.107	-10.2	101	0.00
65 PM	Chlorobenzene	50.000	54.020	-8.0	99	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	55.751	-11.5	102	0.00
67 C	Ethyl Benzene	50.000	56.670	-13.3#	105	0.00
68 T	m/p-Xylenes	100.000	109.720	-9.7	102	0.00
69 T	o-Xylene	50.000	54.408	-8.8	99	0.00
70 T	Styrene	50.000	55.599	-11.2	100	0.00
71 P	Bromoform	50.000	53.127	-6.3	97	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	95	0.00
73 T	Isopropylbenzene	50.000	55.303	-10.6	107	0.00
74 T	N-ethyl acetate	50.000	51.909	-3.8	96	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	50.064	-0.1	94	0.00
76 T	1,2,3-Trichloropropane	50.000	53.153	-6.3	98	0.00
77 T	Bromobenzene	50.000	55.639	-11.3	105	0.00
78 T	n-propylbenzene	50.000	55.152	-10.3	106	0.00
79 T	2-Chlorotoluene	50.000	54.047	-8.1	102	0.00
80 T	1,3,5-Trimethylbenzene	50.000	54.672	-9.3	102	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	49.339	1.3	91	0.00
82 T	4-Chlorotoluene	50.000	53.095	-6.2	101	0.00
83 T	tert-Butylbenzene	50.000	54.413	-8.8	104	0.00
84 T	1,2,4-Trimethylbenzene	50.000	54.717	-9.4	101	0.00
85 T	sec-Butylbenzene	50.000	55.890	-11.8	106	0.00
86 T	p-Isopropyltoluene	50.000	56.183	-12.4	106	0.00
87 T	1,3-Dichlorobenzene	50.000	54.891	-9.8	104	0.00
88 T	1,4-Dichlorobenzene	50.000	53.154	-6.3	98	0.00
89 T	n-Butylbenzene	50.000	58.128	-16.3	106	0.00
90 T	Hexachloroethane	50.000	54.019	-8.0	103	0.00
91 T	1,2-Dichlorobenzene	50.000	55.197	-10.4	107	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	52.409	-4.8	94	0.00
93 T	1,2,4-Trichlorobenzene	50.000	53.093	-6.2	98	0.00
94 T	Hexachlorobutadiene	50.000	54.369	-8.7	98	0.00
95 T	Naphthalene	50.000	52.928	-5.9	96	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	55.125	-10.3	99	0.00

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