

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD110123\
 Data File : VD077484.D
 Acq On : 01 Nov 2023 17:01
 Operator : JC/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 LabSampleId :
 VSTDCCC050

Quant Time: Nov 02 00:57:23 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D103023S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 31 04:19:17 2023
 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	66	0.00
2 T	Dichlorodifluoromethane	50.000	47.330	5.3	67	0.00
3 P	Chloromethane	50.000	61.308	-22.6	74	0.00
4 C	Vinyl Chloride	50.000	65.075	-30.2#	79	0.00
5 T	Bromomethane	50.000	64.334	-28.7#	77	0.00
6 T	Chloroethane	50.000	67.883	-35.8#	83	0.00
7 T	Trichlorofluoromethane	50.000	52.195	-4.4	68	0.00
8 T	Diethyl Ether	50.000	54.590	-9.2	68	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	51.635	-3.3	68	0.01
10 T	Methyl Iodide	50.000	45.784	8.4	60	0.00
11 T	Tert butyl alcohol	250.000	223.114	10.8	64	0.00
12 CM	1,1-Dichloroethene	50.000	52.839	-5.7#	67	0.00
13 T	Acrolein	250.000	200.467	19.8	54	0.00
14 T	Allyl chloride	50.000	53.406	-6.8	65	0.00
15 T	Acrylonitrile	250.000	271.427	-8.6	69	0.00
16 T	Acetone	250.000	248.696	0.5	63	0.00
17 T	Carbon Disulfide	50.000	51.554	-3.1	66	0.00
18 T	Methyl Acetate	50.000	57.592	-15.2	71	0.00
19 T	Methyl tert-butyl Ether	50.000	53.334	-6.7	69	0.00
20 T	Methylene Chloride	50.000	52.914	-5.8	68	0.00
21 T	trans-1,2-Dichloroethene	50.000	53.727	-7.5	66	0.00
22 T	Diisopropyl ether	50.000	54.191	-8.4	69	0.00
23 T	Vinyl Acetate	250.000	261.414	-4.6	66	0.00
24 P	1,1-Dichloroethane	50.000	53.986	-8.0	69	0.00
25 T	2-Butanone	250.000	253.840	-1.5	68	0.00
26 T	2,2-Dichloropropane	50.000	49.142	1.7	65	0.00
27 T	cis-1,2-Dichloroethene	50.000	53.236	-6.5	67	0.00
28 T	Bromochloromethane	50.000	51.355	-2.7	66	0.00
29 T	Tetrahydrofuran	250.000	264.740	-5.9	68	0.00
30 C	Chloroform	50.000	52.644	-5.3#	67	0.00
31 T	Cyclohexane	50.000	53.244	-6.5	70	0.00
32 T	1,1,1-Trichloroethane	50.000	51.394	-2.8	67	0.00
33 S	1,2-Dichloroethane-d4	50.000	53.799	-7.6	70	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	67	0.00
35 S	Dibromofluoromethane	50.000	50.620	-1.2	69	0.00
36 T	1,1-Dichloropropene	50.000	52.344	-4.7	68	0.00
37 T	Ethyl Acetate	50.000	51.112	-2.2	67	0.00
38 T	Carbon Tetrachloride	50.000	50.731	-1.5	70	0.00
39 T	Methylcyclohexane	50.000	52.501	-5.0	70	0.00
40 TM	Benzene	50.000	52.651	-5.3	68	0.00
41 T	Methacrylonitrile	50.000	46.832	6.3	66	0.00
42 TM	1,2-Dichloroethane	50.000	50.896	-1.8	67	0.00
43 T	Isopropyl Acetate	50.000	50.966	-1.9	66	0.00
44 TM	Trichloroethene	50.000	49.667	0.7	65	0.00
45 C	1,2-Dichloropropane	50.000	53.208	-6.4#	70	0.00
46 T	Dibromomethane	50.000	49.530	0.9	66	0.00
47 T	Bromodichloromethane	50.000	50.629	-1.3	67	0.00
48 T	Methyl methacrylate	50.000	51.278	-2.6	66	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	980.219	2.0	65	0.00
50 S	Toluene-d8	50.000	53.051	-6.1	72	0.00
51 T	4-Methyl-2-Pentanone	250.000	253.384	-1.4	69	0.00
52 CM	Toluene	50.000	52.102	-4.2#	68	0.00
53 T	t-1,3-Dichloropropene	50.000	51.202	-2.4	67	0.00
54 T	cis-1,3-Dichloropropene	50.000	51.738	-3.5	68	0.00
55 T	1,1,2-Trichloroethane	50.000	49.963	0.1	68	0.00
56 T	Ethyl methacrylate	50.000	51.119	-2.2	68	0.00
57 T	1,3-Dichloropropane	50.000	52.364	-4.7	69	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	284.495	-13.8	72	0.00
59 T	2-Hexanone	250.000	246.840	1.3	68	0.00
60 T	Dibromochloromethane	50.000	49.546	0.9	67	0.00
61 T	1,2-Dibromoethane	50.000	49.826	0.3	66	0.00
62 S	4-Bromofluorobenzene	50.000	50.395	-0.8	69	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	68	0.00
64 T	Tetrachloroethene	50.000	47.941	4.1	65	0.00
65 PM	Chlorobenzene	50.000	49.921	0.2	67	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	48.451	3.1	65	0.00
67 C	Ethyl Benzene	50.000	51.122	-2.2#	69	0.00
68 T	m/p-Xylenes	100.000	101.027	-1.0	68	0.00
69 T	o-Xylene	50.000	51.296	-2.6	68	0.00
70 T	Styrene	50.000	51.035	-2.1	68	0.00
71 P	Bromoform	50.000	46.545	6.9	64	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	69	0.00
73 T	Isopropylbenzene	50.000	49.696	0.6	68	0.00
74 T	N-amyl acetate	50.000	48.514	3.0	68	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	50.110	-0.2	68	0.00
76 T	1,2,3-Trichloropropane	50.000	41.477	17.0	58	0.00
77 T	Bromobenzene	50.000	49.438	1.1	67	0.00
78 T	n-propylbenzene	50.000	49.825	0.3	68	0.00
79 T	2-Chlorotoluene	50.000	49.099	1.8	67	0.00
80 T	1,3,5-Trimethylbenzene	50.000	49.054	1.9	68	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	48.513	3.0	67	0.00
82 T	4-Chlorotoluene	50.000	48.324	3.4	66	0.00
83 T	tert-Butylbenzene	50.000	48.844	2.3	67	0.00
84 T	1,2,4-Trimethylbenzene	50.000	49.206	1.6	68	0.00
85 T	sec-Butylbenzene	50.000	48.953	2.1	69	0.00
86 T	p-Isopropyltoluene	50.000	49.396	1.2	68	0.00
87 T	1,3-Dichlorobenzene	50.000	49.411	1.2	67	0.00
88 T	1,4-Dichlorobenzene	50.000	49.095	1.8	68	0.00
89 T	n-Butylbenzene	50.000	49.190	1.6	68	0.00
90 T	Hexachloroethane	50.000	47.498	5.0	66	0.00
91 T	1,2-Dichlorobenzene	50.000	48.812	2.4	67	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	47.431	5.1	66	0.00
93 T	1,2,4-Trichlorobenzene	50.000	46.980	6.0	65	0.00
94 T	Hexachlorobutadiene	50.000	44.741	10.5	64	0.00
95 T	Naphthalene	50.000	47.787	4.4	65	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	47.270	5.5	64	0.00

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