

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD102323\
 Data File : VD077386.D
 Acq On : 23 Oct 2023 17:30
 Operator : JC/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 LabSampleId :
 VSTDCCC050

Quant Time: Oct 24 09:06:09 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D101723S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 18 03:02:43 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	87	0.00
2 T	Dichlorodifluoromethane	50.000	48.967	2.1	89	0.00
3 P	Chloromethane	50.000	49.303	1.4	87	0.00
4 C	Vinyl Chloride	50.000	48.122	3.8#	82	0.00
5 T	Bromomethane	50.000	45.506	9.0	83	0.00
6 T	Chloroethane	50.000	45.234	9.5	80	0.00
7 T	Trichlorofluoromethane	50.000	50.332	-0.7	92	0.00
8 T	Diethyl Ether	50.000	65.162	-30.3#	144	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	47.006	6.0	94	0.00
10 T	Methyl Iodide	50.000	42.232	15.5	76	0.00
11 T	Tert butyl alcohol	250.000	231.378	7.4	89	0.00
12 CM	1,1-Dichloroethene	50.000	47.549	4.9#	94	0.00
13 T	Acrolein	250.000	294.944	-18.0	138	0.00
14 T	Allyl chloride	50.000	45.775	8.5	87	0.00
15 T	Acrylonitrile	250.000	282.139	-12.9	98	0.00
16 T	Acetone	250.000	235.153	5.9	97	0.00
17 T	Carbon Disulfide	50.000	43.544	12.9	82	0.00
18 T	Methyl Acetate	50.000	51.347	-2.7	100	0.00
19 T	Methyl tert-butyl Ether	50.000	53.704	-7.4	90	0.00
20 T	Methylene Chloride	50.000	56.211	-12.4	92	0.00
21 T	trans-1,2-Dichloroethene	50.000	49.071	1.9	83	0.00
22 T	Diisopropyl ether	50.000	59.093	-18.2	94	0.00
23 T	Vinyl Acetate	250.000	303.161	-21.3	114	0.00
24 P	1,1-Dichloroethane	50.000	53.065	-6.1	91	0.00
25 T	2-Butanone	250.000	284.518	-13.8	97	0.00
26 T	2,2-Dichloropropane	50.000	50.274	-0.5	88	0.00
27 T	cis-1,2-Dichloroethene	50.000	48.852	2.3	84	0.00
28 T	Bromochloromethane	50.000	58.422	-16.8	105	0.00
29 T	Tetrahydrofuran	250.000	297.663	-19.1	99	0.00
30 C	Chloroform	50.000	52.188	-4.4#	89	0.00
31 T	Cyclohexane	50.000	50.187	-0.4	91	0.00
32 T	1,1,1-Trichloroethane	50.000	50.286	-0.6	86	0.00
33 S	1,2-Dichloroethane-d4	50.000	48.957	2.1	91	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	92	0.00
35 S	Dibromofluoromethane	50.000	43.233	13.5	88	0.00
36 T	1,1-Dichloropropene	50.000	49.561	0.9	90	0.00
37 T	Ethyl Acetate	50.000	52.211	-4.4	105	0.00
38 T	Carbon Tetrachloride	50.000	45.981	8.0	86	0.00
39 T	Methylcyclohexane	50.000	44.980	10.0	82	0.00
40 TM	Benzene	50.000	49.167	1.7	88	0.00
41 T	Methacrylonitrile	50.000	64.720	-29.4#	102	0.02
42 TM	1,2-Dichloroethane	50.000	50.926	-1.9	92	0.00
43 T	Isopropyl Acetate	50.000	53.760	-7.5	98	0.00
44 TM	Trichloroethene	50.000	43.532	12.9	79	0.00
45 C	1,2-Dichloropropane	50.000	51.374	-2.7#	93	0.00
46 T	Dibromomethane	50.000	50.710	-1.4	92	0.00
47 T	Bromodichloromethane	50.000	49.951	0.1	91	0.00
48 T	Methyl methacrylate	50.000	55.909	-11.8	99	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	1000.000	996.453	0.4	93	0.00
50 S	Toluene-d8	50.000	43.787	12.4	86	0.00
51 T	4-Methyl-2-Pentanone	250.000	293.790	-17.5	102	0.00
52 CM	Toluene	50.000	49.134	1.7#	86	0.00
53 T	t-1,3-Dichloropropene	50.000	49.847	0.3	87	0.00
54 T	cis-1,3-Dichloropropene	50.000	49.602	0.8	88	0.00
55 T	1,1,2-Trichloroethane	50.000	51.617	-3.2	93	0.00
56 T	Ethyl methacrylate	50.000	52.139	-4.3	90	0.00
57 T	1,3-Dichloropropane	50.000	52.393	-4.8	95	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	296.589	-18.6	104	0.00
59 T	2-Hexanone	250.000	290.860	-16.3	101	0.00
60 T	Dibromochloromethane	50.000	47.726	4.5	87	0.00
61 T	1,2-Dibromoethane	50.000	49.334	1.3	89	0.00
62 S	4-Bromofluorobenzene	50.000	45.810	8.4	88	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	94	0.00
64 T	Tetrachloroethene	50.000	42.124	15.8	80	0.00
65 PM	Chlorobenzene	50.000	45.013	10.0	84	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	45.329	9.3	85	0.00
67 C	Ethyl Benzene	50.000	47.290	5.4#	85	0.00
68 T	m/p-Xylenes	100.000	95.733	4.3	85	0.00
69 T	o-Xylene	50.000	46.489	7.0	83	0.00
70 T	Styrene	50.000	50.280	-0.6	87	0.00
71 P	Bromoform	50.000	47.302	5.4	87	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	98	0.00
73 T	Isopropylbenzene	50.000	45.280	9.4	84	0.00
74 T	N-amyl acetate	50.000	52.543	-5.1	102	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	50.249	-0.5	99	0.00
76 T	1,2,3-Trichloropropane	50.000	51.497	-3.0	99	0.00
77 T	Bromobenzene	50.000	42.755	14.5	82	0.00
78 T	n-propylbenzene	50.000	47.081	5.8	87	0.00
79 T	2-Chlorotoluene	50.000	45.913	8.2	88	0.00
80 T	1,3,5-Trimethylbenzene	50.000	46.444	7.1	86	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	49.235	1.5	93	0.00
82 T	4-Chlorotoluene	50.000	47.631	4.7	91	0.00
83 T	tert-Butylbenzene	50.000	44.299	11.4	85	0.00
84 T	1,2,4-Trimethylbenzene	50.000	47.666	4.7	87	0.00
85 T	sec-Butylbenzene	50.000	45.929	8.1	86	0.00
86 T	p-Isopropyltoluene	50.000	44.843	10.3	84	0.00
87 T	1,3-Dichlorobenzene	50.000	43.923	12.2	84	0.00
88 T	1,4-Dichlorobenzene	50.000	43.276	13.4	85	0.00
89 T	n-Butylbenzene	50.000	46.361	7.3	87	0.00
90 T	Hexachloroethane	50.000	46.286	7.4	89	0.00
91 T	1,2-Dichlorobenzene	50.000	44.040	11.9	85	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	54.506	-9.0	98	0.00
93 T	1,2,4-Trichlorobenzene	50.000	39.162	21.7	76	0.00
94 T	Hexachlorobutadiene	50.000	36.650	26.7#	74	0.00
95 T	Naphthalene	50.000	43.218	13.6	82	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	41.332	17.3	79	0.00

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