

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD090425\
 Data File : VD080505.D
 Acq On : 04 Sep 2025 08:57
 Operator : RP/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ml/MSVOA_D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 LabSampleId :
 VSTDCCC050

Quant Time: Sep 05 03:41:20 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D082725S.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 28 03:02:37 2025
 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	102	0.00
2 T	Dichlorodifluoromethane	50.000	44.553	10.9	106	0.00
3 P	Chloromethane	50.000	43.278	13.4	97	0.00
4 C	Vinyl Chloride	50.000	48.290	3.4#	105	0.00
5 T	Bromomethane	50.000	53.808	-7.6	124	0.00
6 T	Chloroethane	50.000	48.025	4.0	102	0.00
7 T	Trichlorofluoromethane	50.000	49.337	1.3	107	0.00
8 T	Diethyl Ether	50.000	44.011	12.0	95	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	48.336	3.3	104	0.00
10 T	Methyl Iodide	50.000	52.617	-5.2	105	0.00
11 T	Tert butyl alcohol	250.000	218.872	12.5	97	0.00
12 CM	1,1-Dichloroethene	50.000	48.429	3.1#	101	0.00
13 T	Acrolein	250.000	140.009	44.0#	60	0.00
14 T	Allyl chloride	50.000	46.648	6.7	98	0.00
15 T	Acrylonitrile	250.000	224.163	10.3	94	0.00
16 T	Acetone	250.000	280.606	-12.2	115	0.00
17 T	Carbon Disulfide	50.000	46.326	7.3	99	0.00
18 T	Methyl Acetate	50.000	43.315	13.4	97	-0.01
19 T	Methyl tert-butyl Ether	50.000	46.987	6.0	99	0.00
20 T	Methylene Chloride	50.000	42.942	14.1	97	0.00
21 T	trans-1,2-Dichloroethene	50.000	47.370	5.3	100	0.00
22 T	Diisopropyl ether	50.000	46.608	6.8	97	0.00
23 T	Vinyl Acetate	250.000	233.865	6.5	96	0.00
24 P	1,1-Dichloroethane	50.000	47.319	5.4	99	0.00
25 T	2-Butanone	250.000	245.020	2.0	103	0.00
26 T	2,2-Dichloropropane	50.000	49.697	0.6	104	0.00
27 T	cis-1,2-Dichloroethene	50.000	47.501	5.0	99	0.00
28 T	Bromochloromethane	50.000	44.223	11.6	91	0.00
29 T	Tetrahydrofuran	250.000	223.929	10.4	95	0.00
30 C	Chloroform	50.000	48.449	3.1#	100	0.00
31 T	Cyclohexane	50.000	45.866	8.3	101	0.00
32 T	1,1,1-Trichloroethane	50.000	49.879	0.2	105	0.00
33 S	1,2-Dichloroethane-d4	50.000	43.612	12.8	100	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	101	0.00
35 S	Dibromofluoromethane	50.000	46.400	7.2	97	0.00
36 T	1,1-Dichloropropene	50.000	49.400	1.2	101	0.00
37 T	Ethyl Acetate	50.000	48.327	3.3	95	0.00
38 T	Carbon Tetrachloride	50.000	51.965	-3.9	107	0.00
39 T	Methylcyclohexane	50.000	50.049	-0.1	102	0.00
40 TM	Benzene	50.000	48.284	3.4	97	0.00
41 T	Methacrylonitrile	50.000	50.257	-0.5	100	0.00
42 TM	1,2-Dichloroethane	50.000	49.984	0.0	102	0.00
43 T	Isopropyl Acetate	50.000	47.046	5.9	96	0.00
44 TM	Trichloroethene	50.000	50.282	-0.6	103	0.00
45 C	1,2-Dichloropropane	50.000	48.428	3.1#	99	0.00
46 T	Dibromomethane	50.000	48.288	3.4	97	0.00
47 T	Bromodichloromethane	50.000	50.552	-1.1	102	0.00
48 T	Methyl methacrylate	50.000	46.108	7.8	93	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	1000.000	938.748	6.1	94	0.00
50 S	Toluene-d8	50.000	47.706	4.6	99	0.00
51 T	4-Methyl-2-Pentanone	250.000	235.536	5.8	96	0.00
52 CM	Toluene	50.000	49.425	1.2#	100	0.00
53 T	t-1,3-Dichloropropene	50.000	48.877	2.2	98	0.00
54 T	cis-1,3-Dichloropropene	50.000	48.827	2.3	99	0.00
55 T	1,1,2-Trichloroethane	50.000	47.700	4.6	97	0.00
56 T	Ethyl methacrylate	50.000	48.089	3.8	97	0.00
57 T	1,3-Dichloropropane	50.000	48.092	3.8	98	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	238.561	4.6	94	0.00
59 T	2-Hexanone	250.000	247.355	1.1	100	0.00
60 T	Dibromochloromethane	50.000	49.203	1.6	100	0.00
61 T	1,2-Dibromoethane	50.000	48.393	3.2	97	0.00
62 S	4-Bromofluorobenzene	50.000	46.964	6.1	98	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	98	0.00
64 T	Tetrachloroethene	50.000	52.247	-4.5	104	0.00
65 PM	Chlorobenzene	50.000	50.785	-1.6	99	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	51.740	-3.5	101	0.00
67 C	Ethyl Benzene	50.000	51.487	-3.0#	101	0.00
68 T	m/p-Xylenes	100.000	103.279	-3.3	100	0.00
69 T	o-Xylene	50.000	51.019	-2.0	99	0.00
70 T	Styrene	50.000	51.270	-2.5	99	0.00
71 P	Bromoform	50.000	51.029	-2.1	101	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	99	0.00
73 T	Isopropylbenzene	50.000	51.756	-3.5	102	0.00
74 T	N-amyl acetate	50.000	49.129	1.7	96	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	48.593	2.8	96	0.00
76 T	1,2,3-Trichloropropane	50.000	49.705	0.6	99	0.00
77 T	Bromobenzene	50.000	51.276	-2.6	100	0.00
78 T	n-propylbenzene	50.000	51.703	-3.4	102	0.00
79 T	2-Chlorotoluene	50.000	50.797	-1.6	100	0.00
80 T	1,3,5-Trimethylbenzene	50.000	51.430	-2.9	102	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	47.879	4.2	96	0.00
82 T	4-Chlorotoluene	50.000	51.215	-2.4	101	0.00
83 T	tert-Butylbenzene	50.000	51.997	-4.0	103	0.00
84 T	1,2,4-Trimethylbenzene	50.000	51.445	-2.9	102	0.00
85 T	sec-Butylbenzene	50.000	51.845	-3.7	103	0.00
86 T	p-Isopropyltoluene	50.000	51.823	-3.6	103	0.00
87 T	1,3-Dichlorobenzene	50.000	51.976	-4.0	102	0.00
88 T	1,4-Dichlorobenzene	50.000	51.234	-2.5	102	0.00
89 T	n-Butylbenzene	50.000	51.918	-3.8	102	0.00
90 T	Hexachloroethane	50.000	51.501	-3.0	105	0.00
91 T	1,2-Dichlorobenzene	50.000	50.686	-1.4	100	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	48.641	2.7	101	0.00
93 T	1,2,4-Trichlorobenzene	50.000	52.288	-4.6	105	0.00
94 T	Hexachlorobutadiene	50.000	53.669	-7.3	110	0.00
95 T	Naphthalene	50.000	49.416	1.2	99	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	51.652	-3.3	103	0.00

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