

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD090525\
 Data File : VD080520.D
 Acq On : 05 Sep 2025 12:21
 Operator : RP/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 LabSampleId :
 VSTDCCC050

Quant Time: Sep 06 03:01:28 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	79	0.00
2 T	Dichlorodifluoromethane	50.000	43.738	12.5	81	0.00
3 P	Chloromethane	50.000	47.222	5.6	82	0.00
4 C	Vinyl Chloride	50.000	51.072	-2.1#	86	0.00
5 T	Bromomethane	50.000	47.276	5.4	84	0.00
6 T	Chloroethane	50.000	53.216	-6.4	88	0.00
7 T	Trichlorofluoromethane	50.000	50.368	-0.7	85	0.00
8 T	Diethyl Ether	50.000	45.967	8.1	77	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	49.550	0.9	83	0.00
10 T	Methyl Iodide	50.000	47.752	4.5	74	0.00
11 T	Tert butyl alcohol	250.000	238.883	4.4	82	0.00
12 CM	1,1-Dichloroethene	50.000	48.479	3.0#	78	0.00
13 T	Acrolein	250.000	132.463	47.0#	44	0.00
14 T	Allyl chloride	50.000	45.707	8.6	74	0.00
15 T	Acrylonitrile	250.000	238.683	4.5	78	0.00
16 T	Acetone	250.000	244.605	2.2	78	0.00
17 T	Carbon Disulfide	50.000	45.898	8.2	76	0.00
18 T	Methyl Acetate	50.000	50.010	-0.0	87	-0.01
19 T	Methyl tert-butyl Ether	50.000	48.501	3.0	79	0.00
20 T	Methylene Chloride	50.000	44.153	11.7	77	0.00
21 T	trans-1,2-Dichloroethene	50.000	47.533	4.9	78	0.00
22 T	Diisopropyl ether	50.000	46.616	6.8	75	0.00
23 T	Vinyl Acetate	250.000	236.912	5.2	76	0.00
24 P	1,1-Dichloroethane	50.000	48.198	3.6	79	0.00
25 T	2-Butanone	250.000	237.605	5.0	78	0.00
26 T	2,2-Dichloropropane	50.000	49.328	1.3	80	0.00
27 T	cis-1,2-Dichloroethene	50.000	47.363	5.3	76	0.00
28 T	Bromochloromethane	50.000	48.486	3.0	78	0.00
29 T	Tetrahydrofuran	250.000	241.085	3.6	79	0.00
30 C	Chloroform	50.000	49.918	0.2#	80	0.00
31 T	Cyclohexane	50.000	45.750	8.5	78	0.00
32 T	1,1,1-Trichloroethane	50.000	51.153	-2.3	83	0.00
33 S	1,2-Dichloroethane-d4	50.000	43.005	14.0	76	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	76	0.00
35 S	Dibromofluoromethane	50.000	48.333	3.3	76	0.00
36 T	1,1-Dichloropropene	50.000	51.641	-3.3	80	0.00
37 T	Ethyl Acetate	50.000	52.049	-4.1	78	0.00
38 T	Carbon Tetrachloride	50.000	54.632	-9.3	85	0.00
39 T	Methylcyclohexane	50.000	51.715	-3.4	80	0.00
40 TM	Benzene	50.000	50.614	-1.2	77	0.00
41 T	Methacrylonitrile	50.000	57.103	-14.2	86	0.00
42 TM	1,2-Dichloroethane	50.000	52.509	-5.0	81	0.00
43 T	Isopropyl Acetate	50.000	50.884	-1.8	79	0.00
44 TM	Trichloroethene	50.000	51.820	-3.6	80	0.00
45 C	1,2-Dichloropropane	50.000	50.577	-1.2#	78	0.00
46 T	Dibromomethane	50.000	53.237	-6.5	81	0.00
47 T	Bromodichloromethane	50.000	53.243	-6.5	82	0.00
48 T	Methyl methacrylate	50.000	50.847	-1.7	77	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	1000.000	1112.155	-11.2	84	0.00
50 S	Toluene-d8	50.000	48.164	3.7	75	0.00
51 T	4-Methyl-2-Pentanone	250.000	259.912	-4.0	80	0.00
52 CM	Toluene	50.000	51.696	-3.4#	79	0.00
53 T	t-1,3-Dichloropropene	50.000	51.082	-2.2	78	0.00
54 T	cis-1,3-Dichloropropene	50.000	50.820	-1.6	78	0.00
55 T	1,1,2-Trichloroethane	50.000	52.666	-5.3	81	0.00
56 T	Ethyl methacrylate	50.000	51.261	-2.5	78	0.00
57 T	1,3-Dichloropropane	50.000	51.921	-3.8	80	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	261.821	-4.7	78	0.00
59 T	2-Hexanone	250.000	259.330	-3.7	79	0.00
60 T	Dibromochloromethane	50.000	52.895	-5.8	81	0.00
61 T	1,2-Dibromoethane	50.000	53.768	-7.5	81	0.00
62 S	4-Bromofluorobenzene	50.000	47.825	4.3	76	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	76	0.00
64 T	Tetrachloroethene	50.000	54.213	-8.4	83	0.00
65 PM	Chlorobenzene	50.000	52.899	-5.8	80	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	53.391	-6.8	81	0.00
67 C	Ethyl Benzene	50.000	52.843	-5.7#	80	0.00
68 T	m/p-Xylenes	100.000	105.762	-5.8	80	0.00
69 T	o-Xylene	50.000	52.574	-5.1	79	0.00
70 T	Styrene	50.000	52.931	-5.9	79	0.00
71 P	Bromoform	50.000	55.615	-11.2	85	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	79	0.00
73 T	Isopropylbenzene	50.000	51.594	-3.2	81	0.00
74 T	N-ethyl acetate	50.000	50.434	-0.9	79	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	52.437	-4.9	83	0.00
76 T	1,2,3-Trichloropropane	50.000	52.068	-4.1	83	0.00
77 T	Bromobenzene	50.000	51.609	-3.2	81	0.00
78 T	n-propylbenzene	50.000	51.541	-3.1	81	0.00
79 T	2-Chlorotoluene	50.000	50.211	-0.4	79	0.00
80 T	1,3,5-Trimethylbenzene	50.000	51.693	-3.4	82	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	49.802	0.4	79	0.00
82 T	4-Chlorotoluene	50.000	51.227	-2.5	81	0.00
83 T	tert-Butylbenzene	50.000	52.681	-5.4	83	0.00
84 T	1,2,4-Trimethylbenzene	50.000	51.563	-3.1	81	0.00
85 T	sec-Butylbenzene	50.000	51.949	-3.9	82	0.00
86 T	p-Isopropyltoluene	50.000	52.408	-4.8	83	0.00
87 T	1,3-Dichlorobenzene	50.000	52.948	-5.9	83	0.00
88 T	1,4-Dichlorobenzene	50.000	51.597	-3.2	82	0.00
89 T	n-Butylbenzene	50.000	52.257	-4.5	82	0.00
90 T	Hexachloroethane	50.000	51.891	-3.8	84	0.00
91 T	1,2-Dichlorobenzene	50.000	51.930	-3.9	82	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	51.993	-4.0	86	0.00
93 T	1,2,4-Trichlorobenzene	50.000	52.586	-5.2	84	0.00
94 T	Hexachlorobutadiene	50.000	54.573	-9.1	89	0.00
95 T	Naphthalene	50.000	51.869	-3.7	83	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	53.329	-6.7	85	0.00

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