

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD090525\
 Data File : VD080514.D
 Acq On : 05 Sep 2025 09:16
 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 06 02:58:23 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	85	0.00
2 T	Dichlorodifluoromethane	50.000	43.781	12.4	87	0.00
3 P	Chloromethane	50.000	44.961	10.1	84	0.00
4 C	Vinyl Chloride	50.000	50.130	-0.3#	91	0.00
5 T	Bromomethane	50.000	50.970	-1.9	98	0.00
6 T	Chloroethane	50.000	51.006	-2.0	91	0.00
7 T	Trichlorofluoromethane	50.000	50.339	-0.7	91	0.00
8 T	Diethyl Ether	50.000	45.281	9.4	82	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	48.832	2.3	87	0.00
10 T	Methyl Iodide	50.000	49.929	0.1	83	0.00
11 T	Tert butyl alcohol	250.000	235.353	5.9	87	0.00
12 CM	1,1-Dichloroethene	50.000	48.433	3.1#	84	0.00
13 T	Acrolein	250.000	129.925	48.0#	46	0.00
14 T	Allyl chloride	50.000	45.613	8.8	80	0.00
15 T	Acrylonitrile	250.000	232.679	6.9	82	0.00
16 T	Acetone	250.000	267.099	-6.8	91	0.00
17 T	Carbon Disulfide	50.000	46.117	7.8	82	0.00
18 T	Methyl Acetate	50.000	46.498	7.0	87	-0.01
19 T	Methyl tert-butyl Ether	50.000	47.685	4.6	84	0.00
20 T	Methylene Chloride	50.000	42.468	15.1	80	0.00
21 T	trans-1,2-Dichloroethene	50.000	47.512	5.0	84	0.00
22 T	Diisopropyl ether	50.000	46.148	7.7	80	0.00
23 T	Vinyl Acetate	250.000	234.592	6.2	81	0.00
24 P	1,1-Dichloroethane	50.000	46.697	6.6	82	0.00
25 T	2-Butanone	250.000	244.606	2.2	86	0.00
26 T	2,2-Dichloropropane	50.000	49.051	1.9	85	0.00
27 T	cis-1,2-Dichloroethene	50.000	47.023	6.0	82	0.00
28 T	Bromochloromethane	50.000	46.903	6.2	81	0.00
29 T	Tetrahydrofuran	250.000	234.880	6.0	83	0.00
30 C	Chloroform	50.000	47.950	4.1#	83	0.00
31 T	Cyclohexane	50.000	45.918	8.2	85	0.00
32 T	1,1,1-Trichloroethane	50.000	50.028	-0.1	88	0.00
33 S	1,2-Dichloroethane-d4	50.000	43.549	12.9	83	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	83	0.00
35 S	Dibromofluoromethane	50.000	47.456	5.1	82	0.00
36 T	1,1-Dichloropropene	50.000	50.459	-0.9	86	0.00
37 T	Ethyl Acetate	50.000	49.879	0.2	81	0.00
38 T	Carbon Tetrachloride	50.000	52.423	-4.8	89	0.00
39 T	Methylcyclohexane	50.000	51.226	-2.5	87	0.00
40 TM	Benzene	50.000	49.365	1.3	82	0.00
41 T	Methacrylonitrile	50.000	52.304	-4.6	86	0.00
42 TM	1,2-Dichloroethane	50.000	50.392	-0.8	85	0.00
43 T	Isopropyl Acetate	50.000	49.189	1.6	83	0.00
44 TM	Trichloroethene	50.000	50.601	-1.2	86	0.00
45 C	1,2-Dichloropropane	50.000	48.459	3.1#	82	0.00
46 T	Dibromomethane	50.000	51.542	-3.1	85	0.00
47 T	Bromodichloromethane	50.000	50.676	-1.4	85	0.00
48 T	Methyl methacrylate	50.000	48.959	2.1	81	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	1000.000	1009.150	-0.9	84	0.00
50 S	Toluene-d8	50.000	47.861	4.3	82	0.00
51 T	4-Methyl-2-Pentanone	250.000	249.536	0.2	84	0.00
52 CM	Toluene	50.000	49.887	0.2#	84	0.00
53 T	t-1,3-Dichloropropene	50.000	50.062	-0.1	83	0.00
54 T	cis-1,3-Dichloropropene	50.000	49.004	2.0	82	0.00
55 T	1,1,2-Trichloroethane	50.000	50.286	-0.6	84	0.00
56 T	Ethyl methacrylate	50.000	50.398	-0.8	84	0.00
57 T	1,3-Dichloropropane	50.000	49.816	0.4	84	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	255.443	-2.2	83	0.00
59 T	2-Hexanone	250.000	254.612	-1.8	85	0.00
60 T	Dibromochloromethane	50.000	50.728	-1.5	85	0.00
61 T	1,2-Dibromoethane	50.000	50.720	-1.4	84	0.00
62 S	4-Bromofluorobenzene	50.000	47.207	5.6	81	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	81	0.00
64 T	Tetrachloroethene	50.000	53.447	-6.9	88	0.00
65 PM	Chlorobenzene	50.000	51.501	-3.0	83	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	51.949	-3.9	85	0.00
67 C	Ethyl Benzene	50.000	52.248	-4.5#	85	0.00
68 T	m/p-Xylenes	100.000	102.906	-2.9	83	0.00
69 T	o-Xylene	50.000	51.916	-3.8	84	0.00
70 T	Styrene	50.000	51.692	-3.4	83	0.00
71 P	Bromoform	50.000	54.120	-8.2	89	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	84	0.00
73 T	Isopropylbenzene	50.000	51.093	-2.2	85	0.00
74 T	N-ethyl acetate	50.000	49.717	0.6	83	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	50.476	-1.0	85	0.00
76 T	1,2,3-Trichloropropane	50.000	49.968	0.1	85	0.00
77 T	Bromobenzene	50.000	51.468	-2.9	86	0.00
78 T	n-propylbenzene	50.000	50.960	-1.9	85	0.00
79 T	2-Chlorotoluene	50.000	49.880	0.2	84	0.00
80 T	1,3,5-Trimethylbenzene	50.000	50.589	-1.2	85	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	47.831	4.3	81	0.00
82 T	4-Chlorotoluene	50.000	49.366	1.3	83	0.00
83 T	tert-Butylbenzene	50.000	51.956	-3.9	88	0.00
84 T	1,2,4-Trimethylbenzene	50.000	50.790	-1.6	86	0.00
85 T	sec-Butylbenzene	50.000	51.669	-3.3	88	0.00
86 T	p-Isopropyltoluene	50.000	51.800	-3.6	88	0.00
87 T	1,3-Dichlorobenzene	50.000	51.495	-3.0	86	0.00
88 T	1,4-Dichlorobenzene	50.000	50.662	-1.3	86	0.00
89 T	n-Butylbenzene	50.000	51.296	-2.6	86	0.00
90 T	Hexachloroethane	50.000	50.378	-0.8	88	0.00
91 T	1,2-Dichlorobenzene	50.000	50.761	-1.5	86	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	49.525	1.0	88	0.00
93 T	1,2,4-Trichlorobenzene	50.000	50.711	-1.4	86	0.00
94 T	Hexachlorobutadiene	50.000	53.171	-6.3	93	0.00
95 T	Naphthalene	50.000	49.835	0.3	85	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	51.692	-3.4	88	0.00

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