

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD062725\
 Data File : VD080494.D
 Acq On : 27 Jun 2025 14:49
 Operator : RP/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ml/MSVOA_D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 LabSampleId :
 VSTDCCC050

Quant Time: Jun 28 03:10:38 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D062625S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 27 05:16:36 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	83	0.00
2 T	Dichlorodifluoromethane	50.000	49.347	1.3	85	0.00
3 P	Chloromethane	50.000	50.289	-0.6	83	0.00
4 C	Vinyl Chloride	50.000	53.554	-7.1#	88	0.00
5 T	Bromomethane	50.000	57.441	-14.9	101	0.00
6 T	Chloroethane	50.000	54.035	-8.1	88	0.00
7 T	Trichlorofluoromethane	50.000	51.478	-3.0	86	0.00
8 T	Diethyl Ether	50.000	51.263	-2.5	81	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	51.547	-3.1	87	0.00
10 T	Methyl Iodide	50.000	54.021	-8.0	82	0.00
11 T	Tert butyl alcohol	250.000	228.816	8.5	71	0.00
12 CM	1,1-Dichloroethene	50.000	49.977	0.0#	84	0.00
13 T	Acrolein	250.000	204.700	18.1	67	0.00
14 T	Allyl chloride	50.000	50.507	-1.0	82	0.00
15 T	Acrylonitrile	250.000	233.475	6.6	74	0.00
16 T	Acetone	250.000	269.478	-7.8	98	0.00
17 T	Carbon Disulfide	50.000	50.859	-1.7	82	0.00
18 T	Methyl Acetate	50.000	39.197	21.6	62	0.00
19 T	Methyl tert-butyl Ether	50.000	47.699	4.6	77	0.00
20 T	Methylene Chloride	50.000	51.131	-2.3	85	0.00
21 T	trans-1,2-Dichloroethene	50.000	49.015	2.0	81	0.00
22 T	Diisopropyl ether	50.000	49.944	0.1	81	0.00
23 T	Vinyl Acetate	250.000	256.285	-2.5	81	0.00
24 P	1,1-Dichloroethane	50.000	49.655	0.7	82	0.00
25 T	2-Butanone	250.000	252.117	-0.8	85	0.00
26 T	2,2-Dichloropropane	50.000	51.726	-3.5	86	0.00
27 T	cis-1,2-Dichloroethene	50.000	48.198	3.6	79	0.00
28 T	Bromochloromethane	50.000	48.575	2.8	79	0.00
29 T	Tetrahydrofuran	250.000	238.318	4.7	75	0.00
30 C	Chloroform	50.000	49.249	1.5#	81	0.00
31 T	Cyclohexane	50.000	49.442	1.1	85	0.00
32 T	1,1,1-Trichloroethane	50.000	50.667	-1.3	84	0.00
33 S	1,2-Dichloroethane-d4	50.000	49.836	0.3	77	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	81	0.00
35 S	Dibromofluoromethane	50.000	53.292	-6.6	80	0.00
36 T	1,1-Dichloropropene	50.000	52.739	-5.5	84	0.00
37 T	Ethyl Acetate	50.000	49.401	1.2	77	0.00
38 T	Carbon Tetrachloride	50.000	52.447	-4.9	85	0.00
39 T	Methylcyclohexane	50.000	52.163	-4.3	84	0.00
40 TM	Benzene	50.000	50.612	-1.2	80	0.00
41 T	Methacrylonitrile	50.000	48.819	2.4	75	0.00
42 TM	1,2-Dichloroethane	50.000	49.872	0.3	77	0.00
43 T	Isopropyl Acetate	50.000	50.833	-1.7	79	0.00
44 TM	Trichloroethene	50.000	51.926	-3.9	83	0.00
45 C	1,2-Dichloropropane	50.000	50.961	-1.9#	80	0.00
46 T	Dibromomethane	50.000	50.303	-0.6	78	0.00
47 T	Bromodichloromethane	50.000	50.160	-0.3	79	0.00
48 T	Methyl methacrylate	50.000	50.062	-0.1	77	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	1000.000	927.205	7.3	73	0.00
50 S	Toluene-d8	50.000	52.559	-5.1	79	0.00
51 T	4-Methyl-2-Pentanone	250.000	253.431	-1.4	78	0.00
52 CM	Toluene	50.000	49.867	0.3#	80	0.00
53 T	t-1,3-Dichloropropene	50.000	50.002	-0.0	78	0.00
54 T	cis-1,3-Dichloropropene	50.000	50.447	-0.9	79	0.00
55 T	1,1,2-Trichloroethane	50.000	47.694	4.6	76	0.00
56 T	Ethyl methacrylate	50.000	49.575	0.8	77	0.00
57 T	1,3-Dichloropropane	50.000	49.493	1.0	77	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	250.810	-0.3	78	0.00
59 T	2-Hexanone	250.000	261.033	-4.4	82	0.00
60 T	Dibromochloromethane	50.000	49.524	1.0	77	0.00
61 T	1,2-Dibromoethane	50.000	48.133	3.7	74	0.00
62 S	4-Bromofluorobenzene	50.000	49.683	0.6	76	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	78	0.00
64 T	Tetrachloroethene	50.000	52.597	-5.2	82	0.00
65 PM	Chlorobenzene	50.000	50.864	-1.7	79	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	51.752	-3.5	79	0.00
67 C	Ethyl Benzene	50.000	52.633	-5.3#	82	0.00
68 T	m/p-Xylenes	100.000	104.942	-4.9	81	0.00
69 T	o-Xylene	50.000	51.341	-2.7	80	0.00
70 T	Styrene	50.000	51.468	-2.9	80	0.00
71 P	Bromoform	50.000	49.980	0.0	77	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	80	0.00
73 T	Isopropylbenzene	50.000	51.929	-3.9	82	0.00
74 T	N-ethyl acetate	50.000	51.841	-3.7	79	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	48.673	2.7	75	0.00
76 T	1,2,3-Trichloropropane	50.000	49.972	0.1	78	0.00
77 T	Bromobenzene	50.000	51.185	-2.4	79	0.00
78 T	n-propylbenzene	50.000	52.695	-5.4	83	0.00
79 T	2-Chlorotoluene	50.000	50.658	-1.3	80	0.00
80 T	1,3,5-Trimethylbenzene	50.000	51.415	-2.8	81	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	48.960	2.1	73	0.00
82 T	4-Chlorotoluene	50.000	50.676	-1.4	80	0.00
83 T	tert-Butylbenzene	50.000	51.597	-3.2	82	0.00
84 T	1,2,4-Trimethylbenzene	50.000	51.288	-2.6	81	0.00
85 T	sec-Butylbenzene	50.000	52.531	-5.1	83	0.00
86 T	p-Isopropyltoluene	50.000	52.370	-4.7	84	0.00
87 T	1,3-Dichlorobenzene	50.000	51.388	-2.8	81	0.00
88 T	1,4-Dichlorobenzene	50.000	51.052	-2.1	80	0.00
89 T	n-Butylbenzene	50.000	53.839	-7.7	86	0.00
90 T	Hexachloroethane	50.000	51.397	-2.8	82	0.00
91 T	1,2-Dichlorobenzene	50.000	50.247	-0.5	78	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	45.443	9.1	73	0.00
93 T	1,2,4-Trichlorobenzene	50.000	50.252	-0.5	80	0.00
94 T	Hexachlorobutadiene	50.000	50.901	-1.8	84	0.00
95 T	Naphthalene	50.000	47.842	4.3	74	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	49.103	1.8	77	0.00

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