

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100725\
 Data File : VY023391.D
 Acq On : 07 Oct 2025 14:12
 Operator : SY/MD
 Sample : VSTDICV050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY100725

Quant Time: Oct 08 05:15:49 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100725S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 08 05:12:50 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	97	0.00
2 T	Dichlorodifluoromethane	50.000	44.916	10.2	98	0.00
3 P	Chloromethane	50.000	52.519	-5.0	112	0.00
4 C	Vinyl Chloride	50.000	49.449	1.1#	103	0.00
5 T	Bromomethane	50.000	48.856	2.3	109	0.00
6 T	Chloroethane	50.000	51.367	-2.7	105	0.00
7 T	Trichlorofluoromethane	50.000	48.582	2.8	100	0.00
8 T	Diethyl Ether	50.000	51.050	-2.1	107	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	48.728	2.5	100	0.00
10 T	Methyl Iodide	50.000	51.875	-3.8	96	0.00
11 T	Tert butyl alcohol	250.000	231.079	7.6	112	0.00
12 CM	1,1-Dichloroethene	50.000	49.653	0.7#	101	0.00
13 T	Acrolein	250.000	246.184	1.5	101	0.00
14 T	Allyl chloride	50.000	50.645	-1.3	102	0.00
15 T	Acrylonitrile	250.000	251.575	-0.6	106	0.00
16 T	Acetone	250.000	212.910	14.8	99	0.00
17 T	Carbon Disulfide	50.000	50.021	-0.0	101	0.00
18 T	Methyl Acetate	50.000	50.439	-0.9	104	0.00
19 T	Methyl tert-butyl Ether	50.000	52.230	-4.5	107	0.00
20 T	Methylene Chloride	50.000	52.503	-5.0	120	0.00
21 T	trans-1,2-Dichloroethene	50.000	51.482	-3.0	105	0.00
22 T	Diisopropyl ether	50.000	51.364	-2.7	103	0.00
23 T	Vinyl Acetate	250.000	260.981	-4.4	106	0.00
24 P	1,1-Dichloroethane	50.000	50.742	-1.5	104	0.00
25 T	2-Butanone	250.000	233.083	6.8	105	0.00
26 T	2,2-Dichloropropane	50.000	49.626	0.7	100	0.00
27 T	cis-1,2-Dichloroethene	50.000	52.485	-5.0	107	0.00
28 T	Bromochloromethane	50.000	45.427	9.1	99	0.00
29 T	Tetrahydrofuran	250.000	253.317	-1.3	107	0.00
30 C	Chloroform	50.000	51.137	-2.3#	104	0.00
31 T	Cyclohexane	50.000	47.416	5.2	100	0.00
32 T	1,1,1-Trichloroethane	50.000	49.934	0.1	101	0.00
33 S	1,2-Dichloroethane-d4	50.000	49.450	1.1	103	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	100	0.00
35 S	Dibromofluoromethane	50.000	49.116	1.8	101	0.00
36 T	1,1-Dichloropropene	50.000	49.761	0.5	102	0.00
37 T	Ethyl Acetate	50.000	49.740	0.5	107	0.00
38 T	Carbon Tetrachloride	50.000	48.671	2.7	100	0.00
39 T	Methylcyclohexane	50.000	49.970	0.1	101	0.00
40 TM	Benzene	50.000	49.906	0.2	102	0.00
41 T	Methacrylonitrile	50.000	48.008	4.0	105	0.00
42 TM	1,2-Dichloroethane	50.000	49.318	1.4	104	0.00
43 T	Isopropyl Acetate	50.000	50.548	-1.1	108	0.00
44 TM	Trichloroethene	50.000	49.120	1.8	101	0.00
45 C	1,2-Dichloropropane	50.000	50.355	-0.7#	105	0.00
46 T	Dibromomethane	50.000	50.885	-1.8	106	0.00
47 T	Bromodichloromethane	50.000	50.450	-0.9	104	0.00
48 T	Methyl methacrylate	50.000	49.440	1.1	101	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	1000.000	1039.252	-3.9	110	0.00
50 S	Toluene-d8	50.000	49.228	1.5	100	0.00
51 T	4-Methyl-2-Pentanone	250.000	253.421	-1.4	106	0.00
52 CM	Toluene	50.000	51.556	-3.1#	105	0.00
53 T	t-1,3-Dichloropropene	50.000	51.160	-2.3	105	0.00
54 T	cis-1,3-Dichloropropene	50.000	51.649	-3.3	106	0.00
55 T	1,1,2-Trichloroethane	50.000	50.430	-0.9	106	0.00
56 T	Ethyl methacrylate	50.000	53.385	-6.8	107	0.00
57 T	1,3-Dichloropropane	50.000	51.113	-2.2	105	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	272.133	-8.9	106	0.00
59 T	2-Hexanone	250.000	245.480	1.8	105	0.00
60 T	Dibromochloromethane	50.000	50.974	-1.9	106	0.00
61 T	1,2-Dibromoethane	50.000	50.658	-1.3	105	0.00
62 S	4-Bromofluorobenzene	50.000	49.881	0.2	104	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	103	0.00
64 T	Tetrachloroethene	50.000	48.087	3.8	98	0.00
65 PM	Chlorobenzene	50.000	49.381	1.2	105	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	49.537	0.9	106	0.00
67 C	Ethyl Benzene	50.000	50.841	-1.7#	104	0.00
68 T	m/p-Xylenes	100.000	101.757	-1.8	103	0.00
69 T	o-Xylene	50.000	51.577	-3.2	105	0.00
70 T	Styrene	50.000	52.122	-4.2	105	0.00
71 P	Bromoform	50.000	50.070	-0.1	108	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	103	0.00
73 T	Isopropylbenzene	50.000	50.318	-0.6	103	0.00
74 T	N-amyl acetate	50.000	51.087	-2.2	108	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	49.688	0.6	111	0.00
76 T	1,2,3-Trichloropropane	50.000	42.874	14.3	90	0.00
77 T	Bromobenzene	50.000	49.590	0.8	106	0.00
78 T	n-propylbenzene	50.000	50.694	-1.4	103	0.00
79 T	2-Chlorotoluene	50.000	50.047	-0.1	104	0.00
80 T	1,3,5-Trimethylbenzene	50.000	51.231	-2.5	104	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	46.566	6.9	103	0.00
82 T	4-Chlorotoluene	50.000	50.455	-0.9	105	0.00
83 T	tert-Butylbenzene	50.000	52.019	-4.0	105	0.00
84 T	1,2,4-Trimethylbenzene	50.000	51.520	-3.0	105	0.00
85 T	sec-Butylbenzene	50.000	50.848	-1.7	104	0.00
86 T	p-Isopropyltoluene	50.000	51.864	-3.7	104	0.00
87 T	1,3-Dichlorobenzene	50.000	49.632	0.7	106	0.00
88 T	1,4-Dichlorobenzene	50.000	49.140	1.7	105	0.00
89 T	n-Butylbenzene	50.000	51.829	-3.7	105	0.00
90 T	Hexachloroethane	50.000	49.116	1.8	105	0.00
91 T	1,2-Dichlorobenzene	50.000	49.698	0.6	106	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	48.687	2.6	107	0.00
93 T	1,2,4-Trichlorobenzene	50.000	51.138	-2.3	107	0.00
94 T	Hexachlorobutadiene	50.000	50.061	-0.1	104	0.00
95 T	Naphthalene	50.000	52.154	-4.3	109	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	51.172	-2.3	108	0.00

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