

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110425\
 Data File : VY023668.D
 Acq On : 04 Nov 2025 12:14
 Operator : SY/MD
 Sample : VSTDICV050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY110425

Quant Time: Nov 05 04:45:25 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110425S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 05 04:41:50 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	106	0.00
2 T	Dichlorodifluoromethane	50.000	42.448	15.1	107	0.00
3 P	Chloromethane	50.000	45.957	8.1	108	0.00
4 C	Vinyl Chloride	50.000	45.438	9.1#	105	0.00
5 T	Bromomethane	50.000	45.434	9.1	109	0.00
6 T	Chloroethane	50.000	46.809	6.4	106	0.00
7 T	Trichlorofluoromethane	50.000	46.359	7.3	106	0.00
8 T	Diethyl Ether	50.000	48.252	3.5	108	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	47.433	5.1	107	0.00
10 T	Methyl Iodide	50.000	47.558	4.9	96	0.00
11 T	Tert butyl alcohol	250.000	224.660	10.1	114	0.00
12 CM	1,1-Dichloroethene	50.000	48.194	3.6#	108	0.00
13 T	Acrolein	250.000	213.558	14.6	108	0.00
14 T	Allyl chloride	50.000	50.006	-0.0	109	0.00
15 T	Acrylonitrile	250.000	245.434	1.8	110	0.00
16 T	Acetone	250.000	228.644	8.5	108	0.00
17 T	Carbon Disulfide	50.000	47.235	5.5	106	0.00
18 T	Methyl Acetate	50.000	44.328	11.3	104	0.00
19 T	Methyl tert-butyl Ether	50.000	51.062	-2.1	111	0.00
20 T	Methylene Chloride	50.000	45.791	8.4	108	0.00
21 T	trans-1,2-Dichloroethene	50.000	49.048	1.9	107	0.00
22 T	Diisopropyl ether	50.000	51.273	-2.5	107	0.00
23 T	Vinyl Acetate	250.000	264.163	-5.7	111	0.00
24 P	1,1-Dichloroethane	50.000	48.064	3.9	106	0.00
25 T	2-Butanone	250.000	236.507	5.4	110	0.00
26 T	2,2-Dichloropropane	50.000	48.402	3.2	107	0.00
27 T	cis-1,2-Dichloroethene	50.000	49.682	0.6	108	0.00
28 T	Bromochloromethane	50.000	46.849	6.3	105	0.00
29 T	Tetrahydrofuran	250.000	250.229	-0.1	111	0.00
30 C	Chloroform	50.000	47.888	4.2#	106	0.00
31 T	Cyclohexane	50.000	48.520	3.0	109	0.00
32 T	1,1,1-Trichloroethane	50.000	48.137	3.7	106	0.00
33 S	1,2-Dichloroethane-d4	50.000	46.805	6.4	104	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	105	0.00
35 S	Dibromofluoromethane	50.000	48.291	3.4	103	0.00
36 T	1,1-Dichloropropene	50.000	49.878	0.2	107	0.00
37 T	Ethyl Acetate	50.000	50.997	-2.0	112	0.00
38 T	Carbon Tetrachloride	50.000	49.462	1.1	107	0.00
39 T	Methylcyclohexane	50.000	52.876	-5.8	110	0.00
40 TM	Benzene	50.000	49.773	0.5	107	0.00
41 T	Methacrylonitrile	50.000	43.412	13.2	96	0.00
42 TM	1,2-Dichloroethane	50.000	48.630	2.7	106	0.00
43 T	Isopropyl Acetate	50.000	51.490	-3.0	112	0.00
44 TM	Trichloroethene	50.000	48.741	2.5	106	0.00
45 C	1,2-Dichloropropane	50.000	49.835	0.3#	107	0.00
46 T	Dibromomethane	50.000	49.780	0.4	109	0.00
47 T	Bromodichloromethane	50.000	49.512	1.0	106	0.00
48 T	Methyl methacrylate	50.000	53.056	-6.1	110	0.00

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 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)

49 T	1,4-Dioxane	1000.000	1001.883	-0.2	108	0.00
50 S	Toluene-d8	50.000	50.309	-0.6	104	0.00
51 T	4-Methyl-2-Pentanone	250.000	257.714	-3.1	111	0.00
52 CM	Toluene	50.000	51.540	-3.1#	107	0.00
53 T	t-1,3-Dichloropropene	50.000	51.286	-2.6	107	0.00
54 T	cis-1,3-Dichloropropene	50.000	51.251	-2.5	107	0.00
55 T	1,1,2-Trichloroethane	50.000	49.096	1.8	106	0.00
56 T	Ethyl methacrylate	50.000	55.214	-10.4	111	0.00
57 T	1,3-Dichloropropane	50.000	49.813	0.4	106	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	271.549	-8.6	109	0.00
59 T	2-Hexanone	250.000	256.278	-2.5	111	0.00
60 T	Dibromochloromethane	50.000	50.005	-0.0	107	0.00
61 T	1,2-Dibromoethane	50.000	50.038	-0.1	107	0.00
62 S	4-Bromofluorobenzene	50.000	51.484	-3.0	105	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	105	0.00
64 T	Tetrachloroethene	50.000	47.199	5.6	100	0.00
65 PM	Chlorobenzene	50.000	49.832	0.3	106	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	49.452	1.1	106	0.00
67 C	Ethyl Benzene	50.000	52.373	-4.7#	107	0.00
68 T	m/p-Xylenes	100.000	105.195	-5.2	107	0.00
69 T	o-Xylene	50.000	53.114	-6.2	107	0.00
70 T	Styrene	50.000	53.283	-6.6	107	0.00
71 P	Bromoform	50.000	50.360	-0.7	108	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	105	0.00
73 T	Isopropylbenzene	50.000	53.146	-6.3	108	0.00
74 T	N-amyl acetate	50.000	52.899	-5.8	109	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	50.335	-0.7	113	0.00
76 T	1,2,3-Trichloropropane	50.000	47.550	4.9	109	0.00
77 T	Bromobenzene	50.000	50.384	-0.8	107	0.00
78 T	n-propylbenzene	50.000	52.723	-5.4	107	0.00
79 T	2-Chlorotoluene	50.000	51.669	-3.3	107	0.00
80 T	1,3,5-Trimethylbenzene	50.000	53.189	-6.4	107	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	49.252	1.5	108	0.00
82 T	4-Chlorotoluene	50.000	51.412	-2.8	107	0.00
83 T	tert-Butylbenzene	50.000	54.107	-8.2	110	0.00
84 T	1,2,4-Trimethylbenzene	50.000	53.419	-6.8	107	0.00
85 T	sec-Butylbenzene	50.000	53.321	-6.6	109	0.00
86 T	p-Isopropyltoluene	50.000	53.924	-7.8	108	0.00
87 T	1,3-Dichlorobenzene	50.000	50.050	-0.1	106	0.00
88 T	1,4-Dichlorobenzene	50.000	49.051	1.9	105	0.00
89 T	n-Butylbenzene	50.000	54.369	-8.7	109	0.00
90 T	Hexachloroethane	50.000	49.923	0.2	107	0.00
91 T	1,2-Dichlorobenzene	50.000	50.082	-0.2	107	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	47.551	4.9	108	0.00
93 T	1,2,4-Trichlorobenzene	50.000	53.138	-6.3	110	0.00
94 T	Hexachlorobutadiene	50.000	50.535	-1.1	106	0.00
95 T	Naphthalene	50.000	48.012	4.0	114	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	53.559	-7.1	111	0.00

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