

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY121025\
 Data File : VY023937.D
 Acq On : 10 Dec 2025 13:58
 Operator : SY/MD
 Sample : VSTDICV050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY121025

Quant Time: Dec 11 04:03:00 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y121025S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 11 03:57:51 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	89	0.00
2 T	Dichlorodifluoromethane	50.000	47.318	5.4	82	0.00
3 P	Chloromethane	50.000	50.882	-1.8	88	0.00
4 C	Vinyl Chloride	50.000	51.931	-3.9#	85	0.00
5 T	Bromomethane	50.000	46.692	6.6	89	0.00
6 T	Chloroethane	50.000	50.026	-0.1	84	0.00
7 T	Trichlorofluoromethane	50.000	48.815	2.4	83	0.00
8 T	Diethyl Ether	50.000	47.022	6.0	80	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	47.160	5.7	81	0.00
10 T	Methyl Iodide	50.000	43.407	13.2	69	0.00
11 T	Tert butyl alcohol	250.000	223.113	10.8	81	0.00
12 CM	1,1-Dichloroethene	50.000	48.594	2.8#	81	0.00
13 T	Acrolein	250.000	312.140	-24.9	153	0.00
14 T	Allyl chloride	50.000	48.020	4.0	79	0.00
15 T	Acrylonitrile	250.000	232.132	7.1	80	-0.01
16 T	Acetone	250.000	240.905	3.6	82	0.00
17 T	Carbon Disulfide	50.000	52.182	-4.4	79	0.00
18 T	Methyl Acetate	50.000	46.496	7.0	80	0.00
19 T	Methyl tert-butyl Ether	50.000	47.863	4.3	79	0.00
20 T	Methylene Chloride	50.000	45.051	9.9	82	0.00
21 T	trans-1,2-Dichloroethene	50.000	47.948	4.1	80	0.00
22 T	Diisopropyl ether	50.000	47.471	5.1	78	0.00
23 T	Vinyl Acetate	250.000	240.147	3.9	78	0.00
24 P	1,1-Dichloroethane	50.000	47.454	5.1	80	0.00
25 T	2-Butanone	250.000	223.168	10.7	81	0.00
26 T	2,2-Dichloropropane	50.000	47.369	5.3	80	0.00
27 T	cis-1,2-Dichloroethene	50.000	48.575	2.8	81	-0.01
28 T	Bromochloromethane	50.000	47.087	5.8	113	0.00
29 T	Tetrahydrofuran	250.000	233.871	6.5	78	-0.01
30 C	Chloroform	50.000	47.213	5.6#	80	0.00
31 T	Cyclohexane	50.000	47.300	5.4	79	0.00
32 T	1,1,1-Trichloroethane	50.000	47.305	5.4	80	0.00
33 S	1,2-Dichloroethane-d4	50.000	44.206	11.6	97	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	89	0.00
35 S	Dibromofluoromethane	50.000	46.190	7.6	97	0.00
36 T	1,1-Dichloropropene	50.000	49.078	1.8	79	0.00
37 T	Ethyl Acetate	50.000	46.871	6.3	78	0.00
38 T	Carbon Tetrachloride	50.000	48.152	3.7	80	0.00
39 T	Methylcyclohexane	50.000	50.498	-1.0	80	0.00
40 TM	Benzene	50.000	48.168	3.7	79	0.00
41 T	Methacrylonitrile	50.000	44.751	10.5	78	0.00
42 TM	1,2-Dichloroethane	50.000	46.836	6.3	79	0.00
43 T	Isopropyl Acetate	50.000	47.354	5.3	78	0.00
44 TM	Trichloroethene	50.000	48.687	2.6	82	0.00
45 C	1,2-Dichloropropane	50.000	47.651	4.7#	80	0.00
46 T	Dibromomethane	50.000	48.476	3.0	81	0.00
47 T	Bromodichloromethane	50.000	47.642	4.7	80	0.00
48 T	Methyl methacrylate	50.000	49.597	0.8	79	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	1000.000	959.715	4.0	82	0.00
50 S	Toluene-d8	50.000	46.438	7.1	97	0.00
51 T	4-Methyl-2-Pentanone	250.000	240.243	3.9	79	0.00
52 CM	Toluene	50.000	49.001	2.0#	80	0.00
53 T	t-1,3-Dichloropropene	50.000	48.798	2.4	79	0.00
54 T	cis-1,3-Dichloropropene	50.000	49.373	1.3	81	0.00
55 T	1,1,2-Trichloroethane	50.000	47.970	4.1	82	0.00
56 T	Ethyl methacrylate	50.000	50.030	-0.1	80	0.00
57 T	1,3-Dichloropropane	50.000	48.006	4.0	80	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	219.118	12.4	77	0.00
59 T	2-Hexanone	250.000	235.413	5.8	80	0.00
60 T	Dibromochloromethane	50.000	48.558	2.9	81	0.00
61 T	1,2-Dibromoethane	50.000	48.328	3.3	81	0.00
62 S	4-Bromofluorobenzene	50.000	46.890	6.2	99	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	89	0.00
64 T	Tetrachloroethene	50.000	48.506	3.0	80	0.00
65 PM	Chlorobenzene	50.000	48.750	2.5	82	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	48.138	3.7	82	0.00
67 C	Ethyl Benzene	50.000	49.207	1.6#	80	0.00
68 T	m/p-Xylenes	100.000	99.750	0.3	81	0.00
69 T	o-Xylene	50.000	49.861	0.3	80	0.00
70 T	Styrene	50.000	50.734	-1.5	81	0.00
71 P	Bromoform	50.000	47.718	4.6	82	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	94	0.00
73 T	Isopropylbenzene	50.000	47.768	4.5	81	0.00
74 T	N-amyl acetate	50.000	48.161	3.7	78	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	46.012	8.0	82	0.00
76 T	1,2,3-Trichloropropane	50.000	45.881	8.2	90	0.00
77 T	Bromobenzene	50.000	47.231	5.5	83	0.00
78 T	n-propylbenzene	50.000	48.205	3.6	81	0.00
79 T	2-Chlorotoluene	50.000	47.756	4.5	81	0.00
80 T	1,3,5-Trimethylbenzene	50.000	48.723	2.6	82	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	45.234	9.5	79	0.00
82 T	4-Chlorotoluene	50.000	47.859	4.3	83	0.00
83 T	tert-Butylbenzene	50.000	49.002	2.0	84	0.00
84 T	1,2,4-Trimethylbenzene	50.000	48.892	2.2	82	0.00
85 T	sec-Butylbenzene	50.000	48.627	2.7	83	0.00
86 T	p-Isopropyltoluene	50.000	48.952	2.1	83	0.00
87 T	1,3-Dichlorobenzene	50.000	47.100	5.8	84	0.00
88 T	1,4-Dichlorobenzene	50.000	46.310	7.4	83	0.00
89 T	n-Butylbenzene	50.000	49.411	1.2	84	0.00
90 T	Hexachloroethane	50.000	47.629	4.7	84	0.00
91 T	1,2-Dichlorobenzene	50.000	46.327	7.3	83	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	45.486	9.0	86	0.00
93 T	1,2,4-Trichlorobenzene	50.000	49.201	1.6	90	0.00
94 T	Hexachlorobutadiene	50.000	49.578	0.8	92	0.00
95 T	Naphthalene	50.000	49.463	1.1	88	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	49.057	1.9	92	0.00

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