

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120125\
 Data File : VY023847.D
 Acq On : 01 Dec 2025 17:47
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 LabSampleId :
 VSTDCCC050

Quant Time: Dec 02 03:19:55 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y112625S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 27 01:14:36 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	79	0.00
2 T	Dichlorodifluoromethane	50.000	38.899	22.2	68	0.00
3 P	Chloromethane	50.000	40.829	18.3	70	0.00
4 C	Vinyl Chloride	50.000	42.238	15.5#	69	0.00
5 T	Bromomethane	50.000	43.641	12.7	78	0.00
6 T	Chloroethane	50.000	46.059	7.9	74	0.00
7 T	Trichlorofluoromethane	50.000	43.166	13.7	70	0.00
8 T	Diethyl Ether	50.000	45.309	9.4	72	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	45.193	9.6	74	0.00
10 T	Methyl Iodide	50.000	42.316	15.4	62	0.00
11 T	Tert butyl alcohol	250.000	160.094	36.0#	60	0.00
12 CM	1,1-Dichloroethene	50.000	44.588	10.8#	72	0.00
13 T	Acrolein	250.000	209.421	16.2	67	0.00
14 T	Allyl chloride	50.000	47.899	4.2	75	0.00
15 T	Acrylonitrile	250.000	228.846	8.5	71	0.00
16 T	Acetone	250.000	185.313	25.9#	60	0.00
17 T	Carbon Disulfide	50.000	37.971	24.1	61	0.00
18 T	Methyl Acetate	50.000	49.575	0.8	82	0.00
19 T	Methyl tert-butyl Ether	50.000	46.564	6.9	73	0.00
20 T	Methylene Chloride	50.000	43.297	13.4	76	0.00
21 T	trans-1,2-Dichloroethene	50.000	45.869	8.3	73	0.00
22 T	Diisopropyl ether	50.000	51.946	-3.9	80	0.00
23 T	Vinyl Acetate	250.000	233.689	6.5	71	0.00
24 P	1,1-Dichloroethane	50.000	49.609	0.8	80	0.00
25 T	2-Butanone	250.000	199.389	20.2	64	0.00
26 T	2,2-Dichloropropane	50.000	42.173	15.7	68	0.00
27 T	cis-1,2-Dichloroethene	50.000	48.540	2.9	78	0.00
28 T	Bromochloromethane	50.000	49.135	1.7	78	0.00
29 T	Tetrahydrofuran	250.000	224.665	10.1	69	0.00
30 C	Chloroform	50.000	50.308	-0.6#	81	0.00
31 T	Cyclohexane	50.000	41.745	16.5	69	0.00
32 T	1,1,1-Trichloroethane	50.000	48.383	3.2	78	0.00
33 S	1,2-Dichloroethane-d4	50.000	48.197	3.6	75	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	81	0.00
35 S	Dibromofluoromethane	50.000	48.045	3.9	76	0.00
36 T	1,1-Dichloropropene	50.000	44.847	10.3	73	0.00
37 T	Ethyl Acetate	50.000	43.222	13.6	69	0.00
38 T	Carbon Tetrachloride	50.000	45.549	8.9	75	0.00
39 T	Methylcyclohexane	50.000	42.263	15.5	68	0.00
40 TM	Benzene	50.000	47.184	5.6	78	0.00
41 T	Methacrylonitrile	50.000	46.232	7.5	77	0.00
42 TM	1,2-Dichloroethane	50.000	47.488	5.0	78	0.00
43 T	Isopropyl Acetate	50.000	44.846	10.3	72	0.00
44 TM	Trichloroethene	50.000	47.554	4.9	78	0.00
45 C	1,2-Dichloropropane	50.000	49.175	1.7#	80	0.00
46 T	Dibromomethane	50.000	46.576	6.8	76	0.00
47 T	Bromodichloromethane	50.000	49.156	1.7	81	0.00
48 T	Methyl methacrylate	50.000	44.768	10.5	69	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	846.099	15.4	68	0.00
50 S	Toluene-d8	50.000	48.305	3.4	76	0.00
51 T	4-Methyl-2-Pentanone	250.000	224.731	10.1	70	0.00
52 CM	Toluene	50.000	48.160	3.7#	76	0.00
53 T	t-1,3-Dichloropropene	50.000	46.237	7.5	74	0.00
54 T	cis-1,3-Dichloropropene	50.000	46.787	6.4	76	0.00
55 T	1,1,2-Trichloroethane	50.000	47.750	4.5	77	0.00
56 T	Ethyl methacrylate	50.000	46.128	7.7	71	0.00
57 T	1,3-Dichloropropane	50.000	47.856	4.3	77	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	238.074	4.8	75	0.00
59 T	2-Hexanone	250.000	203.536	18.6	64	0.00
60 T	Dibromochloromethane	50.000	48.054	3.9	78	0.00
61 T	1,2-Dibromoethane	50.000	46.085	7.8	76	0.00
62 S	4-Bromofluorobenzene	50.000	48.609	2.8	78	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	83	0.00
64 T	Tetrachloroethene	50.000	51.644	-3.3	86	0.00
65 PM	Chlorobenzene	50.000	46.445	7.1	77	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	47.526	4.9	79	0.00
67 C	Ethyl Benzene	50.000	47.432	5.1#	77	0.00
68 T	m/p-Xylenes	100.000	95.464	4.5	77	0.00
69 T	o-Xylene	50.000	47.782	4.4	78	0.00
70 T	Styrene	50.000	48.485	3.0	77	0.00
71 P	Bromoform	50.000	44.910	10.2	75	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	83	0.00
73 T	Isopropylbenzene	50.000	46.966	6.1	77	0.00
74 T	N-amyl acetate	50.000	42.041	15.9	67	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	38.959	22.1	66	0.00
76 T	1,2,3-Trichloropropane	50.000	47.413	5.2	77	0.00
77 T	Bromobenzene	50.000	45.315	9.4	76	0.00
78 T	n-propylbenzene	50.000	46.579	6.8	76	0.00
79 T	2-Chlorotoluene	50.000	46.372	7.3	77	0.00
80 T	1,3,5-Trimethylbenzene	50.000	46.983	6.0	76	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	41.448	17.1	68	0.00
82 T	4-Chlorotoluene	50.000	46.491	7.0	76	0.00
83 T	tert-Butylbenzene	50.000	46.169	7.7	76	0.00
84 T	1,2,4-Trimethylbenzene	50.000	46.938	6.1	76	0.00
85 T	sec-Butylbenzene	50.000	46.842	6.3	76	0.00
86 T	p-Isopropyltoluene	50.000	46.374	7.3	75	0.00
87 T	1,3-Dichlorobenzene	50.000	45.273	9.5	76	0.00
88 T	1,4-Dichlorobenzene	50.000	44.314	11.4	75	0.00
89 T	n-Butylbenzene	50.000	45.082	9.8	72	0.00
90 T	Hexachloroethane	50.000	46.319	7.4	79	0.00
91 T	1,2-Dichlorobenzene	50.000	45.591	8.8	76	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	39.504	21.0	68	0.00
93 T	1,2,4-Trichlorobenzene	50.000	41.732	16.5	69	0.00
94 T	Hexachlorobutadiene	50.000	42.485	15.0	73	0.00
95 T	Naphthalene	50.000	41.364	17.3	66	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	42.430	15.1	71	0.00

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