

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120425\
 Data File : VY023896.D
 Acq On : 04 Dec 2025 15:52
 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 05 01:48:42 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y120325S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 04 03:49:13 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	105	0.00
2 T	Dichlorodifluoromethane	50.000	44.128	11.7	83	0.00
3 P	Chloromethane	50.000	42.470	15.1	80	0.00
4 C	Vinyl Chloride	50.000	46.070	7.9#	84	0.00
5 T	Bromomethane	50.000	50.317	-0.6	103	0.00
6 T	Chloroethane	50.000	46.722	6.6	89	0.00
7 T	Trichlorofluoromethane	50.000	47.463	5.1	90	0.00
8 T	Diethyl Ether	50.000	45.475	9.0	88	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	45.165	9.7	87	0.00
10 T	Methyl Iodide	50.000	50.373	-0.7	93	0.00
11 T	Tert butyl alcohol	250.000	213.515	14.6	90	0.01
12 CM	1,1-Dichloroethene	50.000	46.546	6.9#	87	0.00
13 T	Acrolein	250.000	167.297	33.1#	104	0.00
14 T	Allyl chloride	50.000	36.943	26.1#	69	0.00
15 T	Acrylonitrile	250.000	212.240	15.1	81	0.00
16 T	Acetone	250.000	196.089	21.6	80	0.00
17 T	Carbon Disulfide	50.000	46.653	6.7	80	0.00
18 T	Methyl Acetate	50.000	41.006	18.0	79	0.00
19 T	Methyl tert-butyl Ether	50.000	47.593	4.8	90	0.00
20 T	Methylene Chloride	50.000	46.086	7.8	90	0.00
21 T	trans-1,2-Dichloroethene	50.000	46.766	6.5	87	0.00
22 T	Diisopropyl ether	50.000	38.083	23.8	72	0.00
23 T	Vinyl Acetate	250.000	202.541	19.0	74	0.00
24 P	1,1-Dichloroethane	50.000	40.971	18.1	79	0.00
25 T	2-Butanone	250.000	191.032	23.6	77	0.00
26 T	2,2-Dichloropropane	50.000	41.392	17.2	83	0.00
27 T	cis-1,2-Dichloroethene	50.000	47.433	5.1	91	0.00
28 T	Bromochloromethane	50.000	37.142	25.7#	66	0.00
29 T	Tetrahydrofuran	250.000	201.485	19.4	75	0.00
30 C	Chloroform	50.000	44.736	10.5#	88	0.00
31 T	Cyclohexane	50.000	38.439	23.1	72	0.00
32 T	1,1,1-Trichloroethane	50.000	45.783	8.4	89	0.00
33 S	1,2-Dichloroethane-d4	50.000	41.220	17.6	89	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	101	0.00
35 S	Dibromofluoromethane	50.000	46.376	7.2	96	0.00
36 T	1,1-Dichloropropene	50.000	45.517	9.0	81	0.00
37 T	Ethyl Acetate	50.000	43.407	13.2	78	0.00
38 T	Carbon Tetrachloride	50.000	50.128	-0.3	92	0.00
39 T	Methylcyclohexane	50.000	47.071	5.9	80	0.00
40 TM	Benzene	50.000	46.095	7.8	83	0.00
41 T	Methacrylonitrile	50.000	42.030	15.9	75	0.00
42 TM	1,2-Dichloroethane	50.000	46.905	6.2	86	0.00
43 T	Isopropyl Acetate	50.000	44.156	11.7	80	0.00
44 TM	Trichloroethene	50.000	52.352	-4.7	95	0.00
45 C	1,2-Dichloropropane	50.000	43.528	12.9#	80	0.00
46 T	Dibromomethane	50.000	51.188	-2.4	94	0.00
47 T	Bromodichloromethane	50.000	48.318	3.4	89	0.00
48 T	Methyl methacrylate	50.000	44.709	10.6	77	0.00

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

49 T	1,4-Dioxane	1000.000	1078.204	-7.8	97	0.00
50 S	Toluene-d8	50.000	44.017	12.0	90	0.00
51 T	4-Methyl-2-Pentanone	250.000	221.960	11.2	78	0.00
52 CM	Toluene	50.000	48.983	2.0#	87	0.00
53 T	t-1,3-Dichloropropene	50.000	48.138	3.7	86	0.00
54 T	cis-1,3-Dichloropropene	50.000	47.586	4.8	85	0.00
55 T	1,1,2-Trichloroethane	50.000	49.185	1.6	90	0.00
56 T	Ethyl methacrylate	50.000	45.113	9.8	88	0.00
57 T	1,3-Dichloropropane	50.000	47.713	4.6	87	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	222.709	10.9	82	0.00
59 T	2-Hexanone	250.000	218.163	12.7	78	0.00
60 T	Dibromochloromethane	50.000	53.419	-6.8	98	0.00
61 T	1,2-Dibromoethane	50.000	53.915	-7.8	97	0.00
62 S	4-Bromofluorobenzene	50.000	45.231	9.5	95	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	104	0.00
64 T	Tetrachloroethene	50.000	55.570	-11.1	103	0.00
65 PM	Chlorobenzene	50.000	48.154	3.7	91	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	49.786	0.4	94	0.00
67 C	Ethyl Benzene	50.000	46.785	6.4#	85	0.00
68 T	m/p-Xylenes	100.000	97.872	2.1	88	0.00
69 T	o-Xylene	50.000	49.551	0.9	89	0.00
70 T	Styrene	50.000	49.752	0.5	90	0.00
71 P	Bromoform	50.000	55.858	-11.7	106	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	107	0.00
73 T	Isopropylbenzene	50.000	45.280	9.4	86	0.00
74 T	N-amyl acetate	50.000	40.849	18.3	76	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	43.441	13.1	88	0.00
76 T	1,2,3-Trichloropropane	50.000	41.788	16.4	89	0.00
77 T	Bromobenzene	50.000	48.878	2.2	97	0.00
78 T	n-propylbenzene	50.000	43.218	13.6	82	0.00
79 T	2-Chlorotoluene	50.000	43.315	13.4	84	0.00
80 T	1,3,5-Trimethylbenzene	50.000	44.955	10.1	86	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	42.964	14.1	83	0.00
82 T	4-Chlorotoluene	50.000	43.119	13.8	84	0.00
83 T	tert-Butylbenzene	50.000	45.195	9.6	86	0.00
84 T	1,2,4-Trimethylbenzene	50.000	45.091	9.8	85	0.00
85 T	sec-Butylbenzene	50.000	43.998	12.0	83	0.00
86 T	p-Isopropyltoluene	50.000	45.405	9.2	85	0.00
87 T	1,3-Dichlorobenzene	50.000	46.163	7.7	92	0.00
88 T	1,4-Dichlorobenzene	50.000	46.078	7.8	92	0.00
89 T	n-Butylbenzene	50.000	42.432	15.1	80	0.00
90 T	Hexachloroethane	50.000	43.481	13.0	87	0.00
91 T	1,2-Dichlorobenzene	50.000	46.953	6.1	93	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	47.581	4.8	97	0.00
93 T	1,2,4-Trichlorobenzene	50.000	47.929	4.1	95	0.00
94 T	Hexachlorobutadiene	50.000	47.520	5.0	94	0.00
95 T	Naphthalene	50.000	50.818	-1.6	98	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	48.657	2.7	96	0.00

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