

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY103125\
 Data File : VY023636.D
 Acq On : 31 Oct 2025 08:50
 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: Nov 01 03:19:07 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	78	0.00
2 T	Dichlorodifluoromethane	50.000	40.771	18.5	72	0.00
3 P	Chloromethane	50.000	42.785	14.4	73	0.00
4 C	Vinyl Chloride	50.000	43.628	12.7#	73	0.00
5 T	Bromomethane	50.000	43.027	13.9	77	0.01
6 T	Chloroethane	50.000	48.042	3.9	79	0.00
7 T	Trichlorofluoromethane	50.000	46.430	7.1	77	0.00
8 T	Diethyl Ether	50.000	47.814	4.4	81	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	51.283	-2.6	84	0.01
10 T	Methyl Iodide	50.000	57.819	-15.6	86	0.00
11 T	Tert butyl alcohol	250.000	220.731	11.7	86	0.00
12 CM	1,1-Dichloroethene	50.000	49.641	0.7#	81	0.00
13 T	Acrolein	250.000	42.470	83.0#	14	0.00
14 T	Allyl chloride	50.000	53.340	-6.7	86	0.01
15 T	Acrylonitrile	250.000	244.939	2.0	83	0.00
16 T	Acetone	250.000	257.343	-2.9	96	0.00
17 T	Carbon Disulfide	50.000	45.909	8.2	75	0.00
18 T	Methyl Acetate	50.000	55.996	-12.0	93	0.00
19 T	Methyl tert-butyl Ether	50.000	50.861	-1.7	84	0.00
20 T	Methylene Chloride	50.000	47.546	4.9	87	0.00
21 T	trans-1,2-Dichloroethene	50.000	52.385	-4.8	86	0.01
22 T	Diisopropyl ether	50.000	56.249	-12.5	91	0.00
23 T	Vinyl Acetate	250.000	250.309	-0.1	82	0.00
24 P	1,1-Dichloroethane	50.000	54.894	-9.8	90	0.00
25 T	2-Butanone	250.000	236.045	5.6	85	0.00
26 T	2,2-Dichloropropane	50.000	55.444	-10.9	90	0.00
27 T	cis-1,2-Dichloroethene	50.000	54.841	-9.7	90	0.00
28 T	Bromochloromethane	50.000	48.160	3.7	84	0.00
29 T	Tetrahydrofuran	250.000	230.008	8.0	78	0.00
30 C	Chloroform	50.000	55.898	-11.8#	92	0.00
31 T	Cyclohexane	50.000	47.507	5.0	80	0.00
32 T	1,1,1-Trichloroethane	50.000	54.167	-8.3	88	0.00
33 S	1,2-Dichloroethane-d4	50.000	49.181	1.6	82	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	77	0.00
35 S	Dibromofluoromethane	50.000	52.681	-5.4	84	0.00
36 T	1,1-Dichloropropene	50.000	54.459	-8.9	86	0.00
37 T	Ethyl Acetate	50.000	46.901	6.2	78	0.00
38 T	Carbon Tetrachloride	50.000	54.339	-8.7	86	0.00
39 T	Methylcyclohexane	50.000	51.714	-3.4	80	0.00
40 TM	Benzene	50.000	55.919	-11.8	89	0.00
41 T	Methacrylonitrile	50.000	50.546	-1.1	85	0.00
42 TM	1,2-Dichloroethane	50.000	53.442	-6.9	87	0.00
43 T	Isopropyl Acetate	50.000	47.742	4.5	79	0.00
44 TM	Trichloroethene	50.000	54.004	-8.0	86	0.00
45 C	1,2-Dichloropropane	50.000	57.482	-15.0#	93	0.00
46 T	Dibromomethane	50.000	53.538	-7.1	86	0.00
47 T	Bromodichloromethane	50.000	56.743	-13.5	91	0.00
48 T	Methyl methacrylate	50.000	49.252	1.5	78	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	1000.000	928.969	7.1	76	0.00
50 S	Toluene-d8	50.000	51.905	-3.8	81	0.00
51 T	4-Methyl-2-Pentanone	250.000	250.121	-0.0	81	0.00
52 CM	Toluene	50.000	56.731	-13.5#	89	0.00
53 T	t-1,3-Dichloropropene	50.000	54.271	-8.5	86	0.00
54 T	cis-1,3-Dichloropropene	50.000	55.551	-11.1	88	0.00
55 T	1,1,2-Trichloroethane	50.000	54.438	-8.9	88	0.00
56 T	Ethyl methacrylate	50.000	52.801	-5.6	82	0.00
57 T	1,3-Dichloropropane	50.000	54.539	-9.1	87	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	261.121	-4.4	78	0.00
59 T	2-Hexanone	250.000	248.819	0.5	82	0.00
60 T	Dibromochloromethane	50.000	54.138	-8.3	87	0.00
61 T	1,2-Dibromoethane	50.000	52.467	-4.9	84	0.00
62 S	4-Bromofluorobenzene	50.000	53.122	-6.2	85	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	79	0.00
64 T	Tetrachloroethene	50.000	53.734	-7.5	84	0.00
65 PM	Chlorobenzene	50.000	54.843	-9.7	90	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	55.455	-10.9	92	0.00
67 C	Ethyl Benzene	50.000	57.300	-14.6#	90	0.00
68 T	m/p-Xylenes	100.000	113.484	-13.5	89	0.00
69 T	o-Xylene	50.000	56.100	-12.2	88	0.00
70 T	Styrene	50.000	57.272	-14.5	89	0.00
71 P	Bromoform	50.000	50.547	-1.1	84	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	79	0.00
73 T	Isopropylbenzene	50.000	57.452	-14.9	90	0.00
74 T	N-amyl acetate	50.000	46.168	7.7	74	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	49.715	0.6	85	0.00
76 T	1,2,3-Trichloropropane	50.000	48.789	2.4	79	0.00
77 T	Bromobenzene	50.000	53.455	-6.9	88	0.00
78 T	n-propylbenzene	50.000	58.648	-17.3	91	0.00
79 T	2-Chlorotoluene	50.000	57.020	-14.0	90	0.00
80 T	1,3,5-Trimethylbenzene	50.000	58.605	-17.2	91	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	49.512	1.0	83	0.00
82 T	4-Chlorotoluene	50.000	57.330	-14.7	92	0.00
83 T	tert-Butylbenzene	50.000	57.435	-14.9	89	0.00
84 T	1,2,4-Trimethylbenzene	50.000	57.963	-15.9	90	0.00
85 T	sec-Butylbenzene	50.000	57.738	-15.5	90	0.00
86 T	p-Isopropyltoluene	50.000	57.895	-15.8	89	0.00
87 T	1,3-Dichlorobenzene	50.000	54.562	-9.1	89	0.00
88 T	1,4-Dichlorobenzene	50.000	53.040	-6.1	87	0.00
89 T	n-Butylbenzene	50.000	57.900	-15.8	89	0.00
90 T	Hexachloroethane	50.000	55.297	-10.6	90	0.00
91 T	1,2-Dichlorobenzene	50.000	53.392	-6.8	87	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	46.090	7.8	78	0.00
93 T	1,2,4-Trichlorobenzene	50.000	48.459	3.1	78	0.00
94 T	Hexachlorobutadiene	50.000	51.691	-3.4	82	0.00
95 T	Naphthalene	50.000	43.578	12.8	70	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	46.008	8.0	74	0.00

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