

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101025\
 Data File : VY023445.D
 Acq On : 10 Oct 2025 17:33
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 LabSampleId :
 VSTDCCC050

Quant Time: Oct 11 02:01:45 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	95	0.00
2 T	Dichlorodifluoromethane	50.000	42.478	15.0	91	0.00
3 P	Chloromethane	50.000	41.482	17.0	86	0.00
4 C	Vinyl Chloride	50.000	43.653	12.7#	89	0.00
5 T	Bromomethane	50.000	43.218	13.6	94	0.00
6 T	Chloroethane	50.000	45.330	9.3	91	0.00
7 T	Trichlorofluoromethane	50.000	45.305	9.4	91	0.00
8 T	Diethyl Ether	50.000	46.221	7.6	95	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	47.896	4.2	96	0.01
10 T	Methyl Iodide	50.000	55.808	-11.6	101	0.00
11 T	Tert butyl alcohol	250.000	187.882	24.8	89	0.00
12 CM	1,1-Dichloroethene	50.000	48.065	3.9#	95	0.00
13 T	Acrolein	250.000	154.658	38.1#	62	0.00
14 T	Allyl chloride	50.000	45.226	9.5	89	0.01
15 T	Acrylonitrile	250.000	221.048	11.6	91	0.00
16 T	Acetone	250.000	168.000	32.8#	76	0.00
17 T	Carbon Disulfide	50.000	47.371	5.3	94	0.00
18 T	Methyl Acetate	50.000	45.555	8.9	92	0.00
19 T	Methyl tert-butyl Ether	50.000	47.140	5.7	94	0.01
20 T	Methylene Chloride	50.000	42.597	14.8	95	0.00
21 T	trans-1,2-Dichloroethene	50.000	48.973	2.1	97	0.01
22 T	Diisopropyl ether	50.000	47.222	5.6	93	0.00
23 T	Vinyl Acetate	250.000	225.072	10.0	89	0.00
24 P	1,1-Dichloroethane	50.000	47.724	4.6	95	0.00
25 T	2-Butanone	250.000	190.341	23.9	84	0.00
26 T	2,2-Dichloropropane	50.000	46.627	6.7	92	0.00
27 T	cis-1,2-Dichloroethene	50.000	50.329	-0.7	100	0.00
28 T	Bromochloromethane	50.000	43.550	12.9	92	0.00
29 T	Tetrahydrofuran	250.000	210.679	15.7	87	0.00
30 C	Chloroform	50.000	49.187	1.6#	98	0.00
31 T	Cyclohexane	50.000	45.298	9.4	93	0.00
32 T	1,1,1-Trichloroethane	50.000	49.150	1.7	97	0.00
33 S	1,2-Dichloroethane-d4	50.000	44.495	11.0	90	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	95	0.00
35 S	Dibromofluoromethane	50.000	47.819	4.4	94	0.00
36 T	1,1-Dichloropropene	50.000	50.324	-0.6	98	0.00
37 T	Ethyl Acetate	50.000	43.087	13.8	88	0.00
38 T	Carbon Tetrachloride	50.000	49.627	0.7	97	0.00
39 T	Methylcyclohexane	50.000	51.284	-2.6	98	0.00
40 TM	Benzene	50.000	49.683	0.6	97	0.00
41 T	Methacrylonitrile	50.000	50.164	-0.3	104	0.00
42 TM	1,2-Dichloroethane	50.000	46.915	6.2	94	0.00
43 T	Isopropyl Acetate	50.000	44.491	11.0	90	0.00
44 TM	Trichloroethene	50.000	50.814	-1.6	100	0.00
45 C	1,2-Dichloropropane	50.000	49.208	1.6#	98	0.00
46 T	Dibromomethane	50.000	48.968	2.1	97	0.00
47 T	Bromodichloromethane	50.000	49.681	0.6	98	0.00
48 T	Methyl methacrylate	50.000	44.813	10.4	87	0.00

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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)
49 T	1,4-Dioxane	1000.000	881.740	11.8	88	0.00
50 S	Toluene-d8	50.000	48.665	2.7	94	0.00
51 T	4-Methyl-2-Pentanone	250.000	225.398	9.8	90	0.00
52 CM	Toluene	50.000	51.378	-2.8#	99	0.00
53 T	t-1,3-Dichloropropene	50.000	48.647	2.7	95	0.00
54 T	cis-1,3-Dichloropropene	50.000	49.495	1.0	96	0.00
55 T	1,1,2-Trichloroethane	50.000	49.602	0.8	99	0.00
56 T	Ethyl methacrylate	50.000	50.168	-0.3	96	0.00
57 T	1,3-Dichloropropane	50.000	48.959	2.1	96	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	254.104	-1.6	94	0.00
59 T	2-Hexanone	250.000	210.613	15.8	85	0.00
60 T	Dibromochloromethane	50.000	49.750	0.5	98	0.00
61 T	1,2-Dibromoethane	50.000	49.359	1.3	97	0.00
62 S	4-Bromofluorobenzene	50.000	48.850	2.3	96	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	98	0.00
64 T	Tetrachloroethene	50.000	51.184	-2.4	99	0.00
65 PM	Chlorobenzene	50.000	49.375	1.3	100	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	48.983	2.0	100	0.00
67 C	Ethyl Benzene	50.000	51.180	-2.4#	100	0.00
68 T	m/p-Xylenes	100.000	102.864	-2.9	99	0.00
69 T	o-Xylene	50.000	51.685	-3.4	100	0.00
70 T	Styrene	50.000	51.477	-3.0	99	0.00
71 P	Bromoform	50.000	47.498	5.0	98	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	101	0.00
73 T	Isopropylbenzene	50.000	50.351	-0.7	101	0.00
74 T	N-amyl acetate	50.000	44.075	11.8	90	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	44.218	11.6	96	0.00
76 T	1,2,3-Trichloropropane	50.000	48.093	3.8	98	0.00
77 T	Bromobenzene	50.000	47.139	5.7	98	0.00
78 T	n-propylbenzene	50.000	50.389	-0.8	99	0.00
79 T	2-Chlorotoluene	50.000	49.389	1.2	100	0.00
80 T	1,3,5-Trimethylbenzene	50.000	50.698	-1.4	100	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	42.307	15.4	91	0.00
82 T	4-Chlorotoluene	50.000	49.011	2.0	100	0.00
83 T	tert-Butylbenzene	50.000	50.804	-1.6	100	0.00
84 T	1,2,4-Trimethylbenzene	50.000	50.487	-1.0	100	0.00
85 T	sec-Butylbenzene	50.000	50.869	-1.7	101	0.00
86 T	p-Isopropyltoluene	50.000	50.832	-1.7	99	0.00
87 T	1,3-Dichlorobenzene	50.000	47.804	4.4	99	0.00
88 T	1,4-Dichlorobenzene	50.000	47.254	5.5	99	0.00
89 T	n-Butylbenzene	50.000	50.337	-0.7	99	0.00
90 T	Hexachloroethane	50.000	48.159	3.7	100	0.00
91 T	1,2-Dichlorobenzene	50.000	47.490	5.0	99	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	41.460	17.1	89	0.00
93 T	1,2,4-Trichlorobenzene	50.000	46.176	7.6	94	0.00
94 T	Hexachlorobutadiene	50.000	46.592	6.8	94	0.00
95 T	Naphthalene	50.000	44.541	10.9	91	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	44.977	10.0	92	0.00

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