

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\YV100925\
 Data File : VY023422.D
 Acq On : 09 Oct 2025 15:22
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 LabSampleId :
 VSTDCCC050

Quant Time: Oct 10 04:27:44 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	43.216	13.6	92	0.00
3 P	Chloromethane	50.000	43.855	12.3	91	0.00
4 C	Vinyl Chloride	50.000	44.658	10.7#	90	0.00
5 T	Bromomethane	50.000	42.351	15.3	92	0.00
6 T	Chloroethane	50.000	47.498	5.0	94	0.00
7 T	Trichlorofluoromethane	50.000	44.475	11.0	89	0.00
8 T	Diethyl Ether	50.000	44.174	11.7	90	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	47.755	4.5	95	0.00
10 T	Methyl Iodide	50.000	55.627	-11.3	100	0.00
11 T	Tert butyl alcohol	250.000	185.288	25.9#	87	0.00
12 CM	1,1-Dichloroethene	50.000	47.152	5.7#	93	0.00
13 T	Acrolein	250.000	172.736	30.9#	69	0.00
14 T	Allyl chloride	50.000	47.137	5.7	92	0.01
15 T	Acrylonitrile	250.000	216.504	13.4	89	0.00
16 T	Acetone	250.000	194.160	22.3	87	0.00
17 T	Carbon Disulfide	50.000	47.294	5.4	93	0.00
18 T	Methyl Acetate	50.000	44.049	11.9	89	0.00
19 T	Methyl tert-butyl Ether	50.000	45.471	9.1	90	0.00
20 T	Methylene Chloride	50.000	44.554	10.9	99	0.00
21 T	trans-1,2-Dichloroethene	50.000	48.442	3.1	96	0.00
22 T	Diisopropyl ether	50.000	47.788	4.4	93	0.00
23 T	Vinyl Acetate	250.000	225.007	10.0	89	0.00
24 P	1,1-Dichloroethane	50.000	47.662	4.7	95	0.00
25 T	2-Butanone	250.000	195.085	22.0	85	0.00
26 T	2,2-Dichloropropane	50.000	48.073	3.9	94	0.00
27 T	cis-1,2-Dichloroethene	50.000	48.807	2.4	97	0.00
28 T	Bromochloromethane	50.000	43.672	12.7	92	0.00
29 T	Tetrahydrofuran	250.000	206.612	17.4	85	0.00
30 C	Chloroform	50.000	48.579	2.8#	96	0.00
31 T	Cyclohexane	50.000	45.546	8.9	93	0.00
32 T	1,1,1-Trichloroethane	50.000	48.389	3.2	95	0.00
33 S	1,2-Dichloroethane-d4	50.000	45.719	8.6	92	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	95	0.00
35 S	Dibromofluoromethane	50.000	49.242	1.5	96	0.00
36 T	1,1-Dichloropropene	50.000	49.122	1.8	95	0.00
37 T	Ethyl Acetate	50.000	43.401	13.2	88	0.00
38 T	Carbon Tetrachloride	50.000	48.920	2.2	95	0.00
39 T	Methylcyclohexane	50.000	49.674	0.7	94	0.00
40 TM	Benzene	50.000	49.072	1.9	95	0.00
41 T	Methacrylonitrile	50.000	44.031	11.9	91	0.00
42 TM	1,2-Dichloroethane	50.000	46.197	7.6	92	0.00
43 T	Isopropyl Acetate	50.000	43.388	13.2	87	0.00
44 TM	Trichloroethene	50.000	49.082	1.8	95	0.00
45 C	1,2-Dichloropropane	50.000	49.322	1.4#	97	0.00
46 T	Dibromomethane	50.000	47.217	5.6	93	0.00
47 T	Bromodichloromethane	50.000	48.674	2.7	95	0.00
48 T	Methyl methacrylate	50.000	45.182	9.6	87	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	843.926	15.6	84	0.00
50 S	Toluene-d8	50.000	49.951	0.1	96	0.00
51 T	4-Methyl-2-Pentanone	250.000	220.470	11.8	87	0.00
52 CM	Toluene	50.000	50.273	-0.5#	96	0.00
53 T	t-1,3-Dichloropropene	50.000	47.331	5.3	92	0.00
54 T	cis-1,3-Dichloropropene	50.000	48.750	2.5	94	0.00
55 T	1,1,2-Trichloroethane	50.000	47.092	5.8	93	0.00
56 T	Ethyl methacrylate	50.000	47.017	6.0	89	0.00
57 T	1,3-Dichloropropane	50.000	47.207	5.6	92	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	251.447	-0.6	92	0.00
59 T	2-Hexanone	250.000	210.702	15.7	85	0.00
60 T	Dibromochloromethane	50.000	47.665	4.7	93	0.00
61 T	1,2-Dibromoethane	50.000	46.865	6.3	92	0.00
62 S	4-Bromofluorobenzene	50.000	49.530	0.9	97	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	96	0.00
64 T	Tetrachloroethene	50.000	49.153	1.7	94	0.00
65 PM	Chlorobenzene	50.000	48.282	3.4	96	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	47.927	4.1	96	0.00
67 C	Ethyl Benzene	50.000	50.188	-0.4#	96	0.00
68 T	m/p-Xylenes	100.000	100.479	-0.5	95	0.00
69 T	o-Xylene	50.000	50.416	-0.8	96	0.00
70 T	Styrene	50.000	50.532	-1.1	96	0.00
71 P	Bromoform	50.000	44.741	10.5	90	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	98	0.00
73 T	Isopropylbenzene	50.000	49.374	1.3	96	0.00
74 T	N-amyl acetate	50.000	42.418	15.2	85	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	42.690	14.6	91	0.00
76 T	1,2,3-Trichloropropane	50.000	46.932	6.1	94	0.00
77 T	Bromobenzene	50.000	46.310	7.4	94	0.00
78 T	n-propylbenzene	50.000	49.807	0.4	96	0.00
79 T	2-Chlorotoluene	50.000	48.179	3.6	95	0.00
80 T	1,3,5-Trimethylbenzene	50.000	49.332	1.3	95	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	42.734	14.5	89	0.00
82 T	4-Chlorotoluene	50.000	47.861	4.3	95	0.00
83 T	tert-Butylbenzene	50.000	49.532	0.9	95	0.00
84 T	1,2,4-Trimethylbenzene	50.000	49.328	1.3	95	0.00
85 T	sec-Butylbenzene	50.000	49.426	1.1	96	0.00
86 T	p-Isopropyltoluene	50.000	49.632	0.7	95	0.00
87 T	1,3-Dichlorobenzene	50.000	46.499	7.0	94	0.00
88 T	1,4-Dichlorobenzene	50.000	45.275	9.5	92	0.00
89 T	n-Butylbenzene	50.000	48.758	2.5	94	0.00
90 T	Hexachloroethane	50.000	46.969	6.1	95	0.00
91 T	1,2-Dichlorobenzene	50.000	45.591	8.8	93	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	39.984	20.0	84	0.00
93 T	1,2,4-Trichlorobenzene	50.000	42.836	14.3	86	0.00
94 T	Hexachlorobutadiene	50.000	44.328	11.3	88	0.00
95 T	Naphthalene	50.000	40.290	19.4	80	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	41.646	16.7	83	0.00

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