

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY121525\
 Data File : VY023963.D
 Acq On : 15 Dec 2025 08:37
 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 16 02:09:44 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y121025S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 11 03:57:51 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	99	0.00
2 T	Dichlorodifluoromethane	50.000	47.723	4.6	92	0.00
3 P	Chloromethane	50.000	47.045	5.9	91	0.00
4 C	Vinyl Chloride	50.000	46.551	6.9#	85	0.00
5 T	Bromomethane	50.000	44.136	11.7	93	0.01
6 T	Chloroethane	50.000	45.977	8.0	86	0.01
7 T	Trichlorofluoromethane	50.000	50.184	-0.4	95	0.01
8 T	Diethyl Ether	50.000	47.720	4.6	91	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	50.392	-0.8	96	0.01
10 T	Methyl Iodide	50.000	54.368	-8.7	97	0.00
11 T	Tert butyl alcohol	250.000	213.594	14.6	86	0.02
12 CM	1,1-Dichloroethene	50.000	51.130	-2.3#	96	0.01
13 T	Acrolein	250.000	242.514	3.0	132	0.01
14 T	Allyl chloride	50.000	49.050	1.9	90	0.01
15 T	Acrylonitrile	250.000	226.673	9.3	87	0.01
16 T	Acetone	250.000	226.783	9.3	87	0.01
17 T	Carbon Disulfide	50.000	53.057	-6.1	90	0.01
18 T	Methyl Acetate	50.000	46.453	7.1	89	0.00
19 T	Methyl tert-butyl Ether	50.000	48.936	2.1	91	0.01
20 T	Methylene Chloride	50.000	46.005	8.0	94	0.01
21 T	trans-1,2-Dichloroethene	50.000	51.080	-2.2	95	0.01
22 T	Diisopropyl ether	50.000	47.274	5.5	87	0.00
23 T	Vinyl Acetate	250.000	238.532	4.6	87	0.01
24 P	1,1-Dichloroethane	50.000	49.053	1.9	92	0.01
25 T	2-Butanone	250.000	209.494	16.2	85	0.01
26 T	2,2-Dichloropropane	50.000	51.907	-3.8	97	0.00
27 T	cis-1,2-Dichloroethene	50.000	51.497	-3.0	96	0.00
28 T	Bromochloromethane	50.000	46.998	6.0	126	0.00
29 T	Tetrahydrofuran	250.000	224.199	10.3	83	0.00
30 C	Chloroform	50.000	49.500	1.0#	94	0.01
31 T	Cyclohexane	50.000	48.995	2.0	91	0.01
32 T	1,1,1-Trichloroethane	50.000	50.506	-1.0	95	0.00
33 S	1,2-Dichloroethane-d4	50.000	48.006	4.0	117	0.01
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	98	0.00
35 S	Dibromofluoromethane	50.000	53.218	-6.4	122	0.01
36 T	1,1-Dichloropropene	50.000	52.558	-5.1	93	0.01
37 T	Ethyl Acetate	50.000	46.698	6.6	86	0.01
38 T	Carbon Tetrachloride	50.000	52.798	-5.6	96	0.00
39 T	Methylcyclohexane	50.000	54.817	-9.6	95	0.00
40 TM	Benzene	50.000	51.641	-3.3	93	0.01
41 T	Methacrylonitrile	50.000	47.895	4.2	91	0.00
42 TM	1,2-Dichloroethane	50.000	48.842	2.3	90	0.00
43 T	Isopropyl Acetate	50.000	46.786	6.4	84	0.01
44 TM	Trichloroethene	50.000	52.041	-4.1	95	0.00
45 C	1,2-Dichloropropane	50.000	50.330	-0.7#	92	0.00
46 T	Dibromomethane	50.000	50.679	-1.4	92	0.00
47 T	Bromodichloromethane	50.000	50.428	-0.9	93	0.00
48 T	Methyl methacrylate	50.000	49.505	1.0	86	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	1000.000	952.059	4.8	89	0.00
50 S	Toluene-d8	50.000	52.771	-5.5	120	0.00
51 T	4-Methyl-2-Pentanone	250.000	232.222	7.1	83	0.00
52 CM	Toluene	50.000	51.885	-3.8#	93	0.00
53 T	t-1,3-Dichloropropene	50.000	51.295	-2.6	91	0.00
54 T	cis-1,3-Dichloropropene	50.000	52.015	-4.0	93	0.00
55 T	1,1,2-Trichloroethane	50.000	49.378	1.2	92	0.00
56 T	Ethyl methacrylate	50.000	50.619	-1.2	89	0.00
57 T	1,3-Dichloropropane	50.000	49.449	1.1	90	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	210.187	15.9	81	0.00
59 T	2-Hexanone	250.000	227.387	9.0	84	0.00
60 T	Dibromochloromethane	50.000	51.523	-3.0	94	0.00
61 T	1,2-Dibromoethane	50.000	50.096	-0.2	92	0.00
62 S	4-Bromofluorobenzene	50.000	50.892	-1.8	117	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	94	0.00
64 T	Tetrachloroethene	50.000	53.360	-6.7	94	0.00
65 PM	Chlorobenzene	50.000	53.229	-6.5	94	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	53.421	-6.8	96	0.00
67 C	Ethyl Benzene	50.000	54.712	-9.4#	94	0.00
68 T	m/p-Xylenes	100.000	108.738	-8.7	94	0.00
69 T	o-Xylene	50.000	54.716	-9.4	94	0.00
70 T	Styrene	50.000	54.501	-9.0	92	0.00
71 P	Bromoform	50.000	52.608	-5.2	95	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	95	0.00
73 T	Isopropylbenzene	50.000	55.516	-11.0	95	0.00
74 T	N-ethyl acetate	50.000	49.167	1.7	81	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	50.855	-1.7	92	0.00
76 T	1,2,3-Trichloropropane	50.000	51.751	-3.5	103	0.00
77 T	Bromobenzene	50.000	54.093	-8.2	97	0.00
78 T	n-propylbenzene	50.000	54.531	-9.1	93	0.00
79 T	2-Chlorotoluene	50.000	53.465	-6.9	92	0.00
80 T	1,3,5-Trimethylbenzene	50.000	55.089	-10.2	94	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	51.821	-3.6	92	0.00
82 T	4-Chlorotoluene	50.000	53.429	-6.9	94	0.00
83 T	tert-Butylbenzene	50.000	56.028	-12.1	97	0.00
84 T	1,2,4-Trimethylbenzene	50.000	54.097	-8.2	92	0.00
85 T	sec-Butylbenzene	50.000	54.884	-9.8	95	0.00
86 T	p-Isopropyltoluene	50.000	54.880	-9.8	94	0.00
87 T	1,3-Dichlorobenzene	50.000	52.784	-5.6	95	0.00
88 T	1,4-Dichlorobenzene	50.000	51.683	-3.4	94	0.00
89 T	n-Butylbenzene	50.000	53.971	-7.9	93	0.00
90 T	Hexachloroethane	50.000	53.042	-6.1	95	0.00
91 T	1,2-Dichlorobenzene	50.000	51.894	-3.8	94	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	47.955	4.1	92	0.00
93 T	1,2,4-Trichlorobenzene	50.000	52.617	-5.2	98	0.00
94 T	Hexachlorobutadiene	50.000	52.828	-5.7	99	0.00
95 T	Naphthalene	50.000	51.886	-3.8	93	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	51.071	-2.1	97	0.00

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