

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111325\
 Data File : VY023774.D
 Acq On : 13 Nov 2025 09:48
 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 14 04:20:12 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110425S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 05 04:41:50 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	93	0.00
2 T	Dichlorodifluoromethane	50.000	43.551	12.9	97	0.00
3 P	Chloromethane	50.000	45.809	8.4	95	0.00
4 C	Vinyl Chloride	50.000	45.200	9.6#	92	0.00
5 T	Bromomethane	50.000	41.661	16.7	88	0.00
6 T	Chloroethane	50.000	44.101	11.8	88	0.00
7 T	Trichlorofluoromethane	50.000	52.254	-4.5	105	0.00
8 T	Diethyl Ether	50.000	50.290	-0.6	99	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	51.148	-2.3	102	0.00
10 T	Methyl Iodide	50.000	51.229	-2.5	91	0.00
11 T	Tert butyl alcohol	250.000	268.512	-7.4	120	-0.01
12 CM	1,1-Dichloroethene	50.000	50.063	-0.1#	99	0.00
13 T	Acrolein	250.000	137.849	44.9#	61	0.00
14 T	Allyl chloride	50.000	53.669	-7.3	103	0.00
15 T	Acrylonitrile	250.000	276.898	-10.8	109	0.00
16 T	Acetone	250.000	264.541	-5.8	110	0.00
17 T	Carbon Disulfide	50.000	49.716	0.6	98	0.00
18 T	Methyl Acetate	50.000	48.470	3.1	100	0.00
19 T	Methyl tert-butyl Ether	50.000	53.185	-6.4	102	0.00
20 T	Methylene Chloride	50.000	49.438	1.1	102	0.00
21 T	trans-1,2-Dichloroethene	50.000	51.482	-3.0	99	0.00
22 T	Diisopropyl ether	50.000	55.778	-11.6	103	0.00
23 T	Vinyl Acetate	250.000	287.068	-14.8	106	0.00
24 P	1,1-Dichloroethane	50.000	52.602	-5.2	102	0.00
25 T	2-Butanone	250.000	264.738	-5.9	109	0.00
26 T	2,2-Dichloropropane	50.000	52.307	-4.6	102	0.00
27 T	cis-1,2-Dichloroethene	50.000	51.293	-2.6	98	0.00
28 T	Bromochloromethane	50.000	53.652	-7.3	106	0.00
29 T	Tetrahydrofuran	250.000	284.185	-13.7	112	0.00
30 C	Chloroform	50.000	51.853	-3.7#	101	0.00
31 T	Cyclohexane	50.000	50.408	-0.8	100	0.00
32 T	1,1,1-Trichloroethane	50.000	51.858	-3.7	101	0.00
33 S	1,2-Dichloroethane-d4	50.000	50.783	-1.6	99	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	91	0.00
35 S	Dibromofluoromethane	50.000	51.897	-3.8	95	0.00
36 T	1,1-Dichloropropene	50.000	53.714	-7.4	100	0.00
37 T	Ethyl Acetate	50.000	57.886	-15.8	110	0.00
38 T	Carbon Tetrachloride	50.000	53.328	-6.7	100	0.00
39 T	Methylcyclohexane	50.000	53.818	-7.6	97	0.00
40 TM	Benzene	50.000	54.004	-8.0	101	0.00
41 T	Methacrylonitrile	50.000	49.489	1.0	94	0.00
42 TM	1,2-Dichloroethane	50.000	53.930	-7.9	102	0.00
43 T	Isopropyl Acetate	50.000	56.193	-12.4	105	0.00
44 TM	Trichloroethene	50.000	51.910	-3.8	98	0.00
45 C	1,2-Dichloropropane	50.000	54.896	-9.8#	102	0.00
46 T	Dibromomethane	50.000	54.586	-9.2	104	0.00
47 T	Bromodichloromethane	50.000	54.504	-9.0	102	0.00
48 T	Methyl methacrylate	50.000	58.046	-16.1	104	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	1000.000	1094.931	-9.5	102	0.00
50 S	Toluene-d8	50.000	52.891	-5.8	94	0.00
51 T	4-Methyl-2-Pentanone	250.000	293.657	-17.5	109	0.00
52 CM	Toluene	50.000	54.895	-9.8#	98	0.00
53 T	t-1,3-Dichloropropene	50.000	55.371	-10.7	100	0.00
54 T	cis-1,3-Dichloropropene	50.000	55.113	-10.2	100	0.00
55 T	1,1,2-Trichloroethane	50.000	54.201	-8.4	102	0.00
56 T	Ethyl methacrylate	50.000	59.640	-19.3	104	0.00
57 T	1,3-Dichloropropane	50.000	55.218	-10.4	102	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	303.155	-21.3	105	0.00
59 T	2-Hexanone	250.000	286.358	-14.5	107	0.00
60 T	Dibromochloromethane	50.000	54.095	-8.2	100	0.00
61 T	1,2-Dibromoethane	50.000	54.013	-8.0	100	0.00
62 S	4-Bromofluorobenzene	50.000	65.710	-31.4#	116	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	105	0.00
64 T	Tetrachloroethene	50.000	46.190	7.6	99	0.00
65 PM	Chlorobenzene	50.000	50.564	-1.1	109	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	54.509	-9.0	117	0.00
67 C	Ethyl Benzene	50.000	56.203	-12.4#	115	0.00
68 T	m/p-Xylenes	100.000	111.216	-11.2	113	0.00
69 T	o-Xylene	50.000	56.973	-13.9	116	0.00
70 T	Styrene	50.000	57.707	-15.4	116	0.00
71 P	Bromoform	50.000	57.012	-14.0	123	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	104	0.00
73 T	Isopropylbenzene	50.000	56.286	-12.6	113	0.00
74 T	N-ethyl acetate	50.000	52.419	-4.8	107	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	55.023	-10.0	121	0.00
76 T	1,2,3-Trichloropropane	50.000	56.071	-12.1	126	0.00
77 T	Bromobenzene	50.000	55.672	-11.3	116	0.00
78 T	n-propylbenzene	50.000	55.169	-10.3	110	0.00
79 T	2-Chlorotoluene	50.000	55.766	-11.5	114	0.00
80 T	1,3,5-Trimethylbenzene	50.000	55.910	-11.8	111	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	54.684	-9.4	118	0.00
82 T	4-Chlorotoluene	50.000	54.680	-9.4	112	0.00
83 T	tert-Butylbenzene	50.000	51.679	-3.4	104	0.00
84 T	1,2,4-Trimethylbenzene	50.000	54.360	-8.7	108	0.00
85 T	sec-Butylbenzene	50.000	55.127	-10.3	111	0.00
86 T	p-Isopropyltoluene	50.000	54.967	-9.9	109	0.00
87 T	1,3-Dichlorobenzene	50.000	52.033	-4.1	109	0.00
88 T	1,4-Dichlorobenzene	50.000	50.702	-1.4	107	0.00
89 T	n-Butylbenzene	50.000	55.085	-10.2	109	0.00
90 T	Hexachloroethane	50.000	50.701	-1.4	107	0.00
91 T	1,2-Dichlorobenzene	50.000	51.320	-2.6	108	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	52.594	-5.2	118	0.00
93 T	1,2,4-Trichlorobenzene	50.000	51.597	-3.2	106	0.00
94 T	Hexachlorobutadiene	50.000	45.727	8.5	95	0.00
95 T	Naphthalene	50.000	42.886	14.2	99	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	47.665	4.7	97	0.00

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