

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102425\
 Data File : VY023559.D
 Acq On : 24 Oct 2025 08:56
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 LabSampleId :
 VSTDCCC050

Quant Time: Oct 24 23:45:30 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	41.129	17.7	87	0.00
3 P	Chloromethane	50.000	40.052	19.9	83	0.00
4 C	Vinyl Chloride	50.000	42.285	15.4#	86	0.00
5 T	Bromomethane	50.000	45.475	9.0	98	0.00
6 T	Chloroethane	50.000	44.661	10.7	89	0.00
7 T	Trichlorofluoromethane	50.000	47.584	4.8	95	0.00
8 T	Diethyl Ether	50.000	51.703	-3.4	106	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	51.306	-2.6	102	0.00
10 T	Methyl Iodide	50.000	57.032	-14.1	103	0.00
11 T	Tert butyl alcohol	250.000	294.878	-18.0	139	0.00
12 CM	1,1-Dichloroethene	50.000	50.504	-1.0#	100	0.00
13 T	Acrolein	250.000	68.867	72.5#	27	0.00
14 T	Allyl chloride	50.000	47.575	4.8	93	0.00
15 T	Acrylonitrile	250.000	258.449	-3.4	106	0.00
16 T	Acetone	250.000	253.570	-1.4	114	0.00
17 T	Carbon Disulfide	50.000	45.399	9.2	90	0.00
18 T	Methyl Acetate	50.000	53.529	-7.1	108	0.00
19 T	Methyl tert-butyl Ether	50.000	55.391	-10.8	110	0.00
20 T	Methylene Chloride	50.000	46.987	6.0	104	0.00
21 T	trans-1,2-Dichloroethene	50.000	51.986	-4.0	103	0.00
22 T	Diisopropyl ether	50.000	51.399	-2.8	101	0.00
23 T	Vinyl Acetate	250.000	250.506	-0.2	99	0.00
24 P	1,1-Dichloroethane	50.000	51.107	-2.2	101	0.00
25 T	2-Butanone	250.000	254.962	-2.0	112	0.00
26 T	2,2-Dichloropropane	50.000	53.419	-6.8	105	0.00
27 T	cis-1,2-Dichloroethene	50.000	54.911	-9.8	109	0.00
28 T	Bromochloromethane	50.000	41.717	16.6	88	0.00
29 T	Tetrahydrofuran	250.000	251.315	-0.5	103	0.00
30 C	Chloroform	50.000	53.320	-6.6#	106	0.00
31 T	Cyclohexane	50.000	46.305	7.4	95	0.00
32 T	1,1,1-Trichloroethane	50.000	52.584	-5.2	103	0.00
33 S	1,2-Dichloroethane-d4	50.000	44.694	10.6	90	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	94	0.00
35 S	Dibromofluoromethane	50.000	49.453	1.1	96	0.00
36 T	1,1-Dichloropropene	50.000	52.372	-4.7	101	0.00
37 T	Ethyl Acetate	50.000	50.360	-0.7	102	0.00
38 T	Carbon Tetrachloride	50.000	53.563	-7.1	104	0.00
39 T	Methylcyclohexane	50.000	52.994	-6.0	100	0.00
40 TM	Benzene	50.000	53.575	-7.2	103	0.00
41 T	Methacrylonitrile	50.000	54.008	-8.0	111	0.00
42 TM	1,2-Dichloroethane	50.000	50.864	-1.7	101	0.00
43 T	Isopropyl Acetate	50.000	52.107	-4.2	105	0.00
44 TM	Trichloroethene	50.000	54.817	-9.6	106	0.00
45 C	1,2-Dichloropropane	50.000	53.397	-6.8#	105	0.00
46 T	Dibromomethane	50.000	54.988	-10.0	108	0.00
47 T	Bromodichloromethane	50.000	54.883	-9.8	107	0.00
48 T	Methyl methacrylate	50.000	50.755	-1.5	98	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	1000.000	1146.304	-14.6	114	0.00
50 S	Toluene-d8	50.000	48.722	2.6	93	0.00
51 T	4-Methyl-2-Pentanone	250.000	272.142	-8.9	107	0.00
52 CM	Toluene	50.000	55.476	-11.0#	106	0.00
53 T	t-1,3-Dichloropropene	50.000	55.385	-10.8	107	0.00
54 T	cis-1,3-Dichloropropene	50.000	55.911	-11.8	108	0.00
55 T	1,1,2-Trichloroethane	50.000	56.837	-13.7	112	0.00
56 T	Ethyl methacrylate	50.000	60.107	-20.2	113	0.00
57 T	1,3-Dichloropropane	50.000	55.727	-11.5	108	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	270.556	-8.2	99	0.00
59 T	2-Hexanone	250.000	275.001	-10.0	110	0.00
60 T	Dibromochloromethane	50.000	57.348	-14.7	112	0.00
61 T	1,2-Dibromoethane	50.000	57.024	-14.0	111	0.00
62 S	4-Bromofluorobenzene	50.000	49.801	0.4	97	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	95	0.00
64 T	Tetrachloroethene	50.000	55.753	-11.5	105	0.00
65 PM	Chlorobenzene	50.000	56.267	-12.5	110	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	56.479	-13.0	112	0.00
67 C	Ethyl Benzene	50.000	56.546	-13.1#	106	0.00
68 T	m/p-Xylenes	100.000	115.537	-15.5	108	0.00
69 T	o-Xylene	50.000	58.810	-17.6	110	0.00
70 T	Styrene	50.000	58.986	-18.0	110	0.00
71 P	Bromoform	50.000	57.877	-15.8	115	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	97	0.00
73 T	Isopropylbenzene	50.000	56.959	-13.9	110	0.00
74 T	N-ethyl acetate	50.000	53.438	-6.9	106	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	55.639	-11.3	117	0.00
76 T	1,2,3-Trichloropropane	50.000	50.142	-0.3	99	0.00
77 T	Bromobenzene	50.000	55.922	-11.8	112	0.00
78 T	n-propylbenzene	50.000	56.707	-13.4	108	0.00
79 T	2-Chlorotoluene	50.000	55.795	-11.6	108	0.00
80 T	1,3,5-Trimethylbenzene	50.000	57.172	-14.3	109	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	56.799	-13.6	117	0.00
82 T	4-Chlorotoluene	50.000	55.281	-10.6	108	0.00
83 T	tert-Butylbenzene	50.000	58.535	-17.1	111	0.00
84 T	1,2,4-Trimethylbenzene	50.000	57.333	-14.7	109	0.00
85 T	sec-Butylbenzene	50.000	57.753	-15.5	110	0.00
86 T	p-Isopropyltoluene	50.000	58.577	-17.2	110	0.00
87 T	1,3-Dichlorobenzene	50.000	55.564	-11.1	111	0.00
88 T	1,4-Dichlorobenzene	50.000	55.673	-11.3	112	0.00
89 T	n-Butylbenzene	50.000	58.138	-16.3	110	0.00
90 T	Hexachloroethane	50.000	54.294	-8.6	109	0.00
91 T	1,2-Dichlorobenzene	50.000	56.461	-12.9	113	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	52.353	-4.7	108	0.00
93 T	1,2,4-Trichlorobenzene	50.000	57.127	-14.3	113	0.00
94 T	Hexachlorobutadiene	50.000	55.207	-10.4	108	0.00
95 T	Naphthalene	50.000	58.694	-17.4	115	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	56.460	-12.9	112	0.00

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