

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101625\
 Data File : VY023481.D
 Acq On : 16 Oct 2025 09:12
 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: Oct 17 01:50:07 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	85	0.00
2 T	Dichlorodifluoromethane	50.000	46.518	7.0	89	0.00
3 P	Chloromethane	50.000	46.720	6.6	87	0.00
4 C	Vinyl Chloride	50.000	48.517	3.0#	89	0.00
5 T	Bromomethane	50.000	46.758	6.5	91	0.00
6 T	Chloroethane	50.000	51.818	-3.6	93	0.00
7 T	Trichlorofluoromethane	50.000	50.425	-0.8	91	0.00
8 T	Diethyl Ether	50.000	46.784	6.4	86	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	53.422	-6.8	96	0.00
10 T	Methyl Iodide	50.000	58.900	-17.8	96	0.00
11 T	Tert butyl alcohol	250.000	207.314	17.1	88	0.00
12 CM	1,1-Dichloroethene	50.000	51.502	-3.0#	92	0.00
13 T	Acrolein	250.000	105.158	57.9#	38	0.01
14 T	Allyl chloride	50.000	50.565	-1.1	89	0.01
15 T	Acrylonitrile	250.000	233.934	6.4	87	0.00
16 T	Acetone	250.000	252.283	-0.9	102	0.00
17 T	Carbon Disulfide	50.000	51.479	-3.0	92	0.00
18 T	Methyl Acetate	50.000	49.583	0.8	90	0.00
19 T	Methyl tert-butyl Ether	50.000	47.547	4.9	85	0.00
20 T	Methylene Chloride	50.000	46.562	6.9	93	0.00
21 T	trans-1,2-Dichloroethene	50.000	52.941	-5.9	94	0.01
22 T	Diisopropyl ether	50.000	51.581	-3.2	91	0.00
23 T	Vinyl Acetate	250.000	236.589	5.4	84	0.00
24 P	1,1-Dichloroethane	50.000	52.897	-5.8	95	0.00
25 T	2-Butanone	250.000	224.795	10.1	89	0.00
26 T	2,2-Dichloropropane	50.000	53.984	-8.0	96	0.00
27 T	cis-1,2-Dichloroethene	50.000	53.526	-7.1	96	0.00
28 T	Bromochloromethane	50.000	47.026	5.9	90	0.00
29 T	Tetrahydrofuran	250.000	214.792	14.1	79	0.00
30 C	Chloroform	50.000	53.648	-7.3#	96	0.00
31 T	Cyclohexane	50.000	48.858	2.3	90	0.00
32 T	1,1,1-Trichloroethane	50.000	53.723	-7.4	95	0.00
33 S	1,2-Dichloroethane-d4	50.000	46.820	6.4	85	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	82	0.00
35 S	Dibromofluoromethane	50.000	52.819	-5.6	89	0.00
36 T	1,1-Dichloropropene	50.000	57.220	-14.4	96	0.00
37 T	Ethyl Acetate	50.000	46.817	6.4	82	0.00
38 T	Carbon Tetrachloride	50.000	58.008	-16.0	97	0.00
39 T	Methylcyclohexane	50.000	55.679	-11.4	92	0.00
40 TM	Benzene	50.000	56.096	-12.2	94	0.00
41 T	Methacrylonitrile	50.000	53.656	-7.3	96	0.00
42 TM	1,2-Dichloroethane	50.000	53.011	-6.0	92	0.01
43 T	Isopropyl Acetate	50.000	46.223	7.6	81	0.00
44 TM	Trichloroethene	50.000	55.287	-10.6	93	0.00
45 C	1,2-Dichloropropane	50.000	55.480	-11.0#	95	0.00
46 T	Dibromomethane	50.000	54.757	-9.5	93	0.00
47 T	Bromodichloromethane	50.000	56.136	-12.3	95	0.00
48 T	Methyl methacrylate	50.000	48.875	2.3	82	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	1000.000	909.671	9.0	78	0.00
50 S	Toluene-d8	50.000	53.309	-6.6	89	0.00
51 T	4-Methyl-2-Pentanone	250.000	241.527	3.4	83	0.00
52 CM	Toluene	50.000	57.323	-14.6#	95	0.00
53 T	t-1,3-Dichloropropene	50.000	53.602	-7.2	90	0.00
54 T	cis-1,3-Dichloropropene	50.000	55.208	-10.4	92	0.00
55 T	1,1,2-Trichloroethane	50.000	53.198	-6.4	91	0.00
56 T	Ethyl methacrylate	50.000	50.587	-1.2	83	0.00
57 T	1,3-Dichloropropane	50.000	53.701	-7.4	90	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	257.357	-2.9	82	0.00
59 T	2-Hexanone	250.000	242.583	3.0	84	0.00
60 T	Dibromochloromethane	50.000	54.114	-8.2	92	0.00
61 T	1,2-Dibromoethane	50.000	53.386	-6.8	91	0.00
62 S	4-Bromofluorobenzene	50.000	51.622	-3.2	88	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	83	0.00
64 T	Tetrachloroethene	50.000	56.818	-13.6	93	0.00
65 PM	Chlorobenzene	50.000	55.546	-11.1	95	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	55.871	-11.7	96	0.00
67 C	Ethyl Benzene	50.000	57.462	-14.9#	95	0.00
68 T	m/p-Xylenes	100.000	116.434	-16.4	95	0.00
69 T	o-Xylene	50.000	56.974	-13.9	93	0.00
70 T	Styrene	50.000	58.498	-17.0	95	0.00
71 P	Bromoform	50.000	51.808	-3.6	90	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	83	0.00
73 T	Isopropylbenzene	50.000	57.659	-15.3	95	0.00
74 T	N-amyl acetate	50.000	46.960	6.1	80	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	49.896	0.2	90	0.00
76 T	1,2,3-Trichloropropane	50.000	48.121	3.8	82	0.00
77 T	Bromobenzene	50.000	53.619	-7.2	93	0.00
78 T	n-propylbenzene	50.000	58.345	-16.7	95	0.00
79 T	2-Chlorotoluene	50.000	56.111	-12.2	94	0.00
80 T	1,3,5-Trimethylbenzene	50.000	58.376	-16.8	96	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	49.275	1.5	87	0.00
82 T	4-Chlorotoluene	50.000	56.726	-13.5	95	0.00
83 T	tert-Butylbenzene	50.000	57.159	-14.3	93	0.00
84 T	1,2,4-Trimethylbenzene	50.000	57.979	-16.0	95	0.00
85 T	sec-Butylbenzene	50.000	58.135	-16.3	95	0.00
86 T	p-Isopropyltoluene	50.000	58.647	-17.3	95	0.00
87 T	1,3-Dichlorobenzene	50.000	55.008	-10.0	94	0.00
88 T	1,4-Dichlorobenzene	50.000	53.509	-7.0	93	0.00
89 T	n-Butylbenzene	50.000	58.544	-17.1	95	0.00
90 T	Hexachloroethane	50.000	57.092	-14.2	98	0.00
91 T	1,2-Dichlorobenzene	50.000	53.941	-7.9	93	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	46.217	7.6	82	0.00
93 T	1,2,4-Trichlorobenzene	50.000	51.453	-2.9	87	0.00
94 T	Hexachlorobutadiene	50.000	54.993	-10.0	92	0.00
95 T	Naphthalene	50.000	47.790	4.4	81	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	50.229	-0.5	85	0.00

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