

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120925\
 Data File : VY023898.D
 Acq On : 09 Dec 2025 09:31
 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 10 02:22:14 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y120325S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 04 03:49:13 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	108	0.01
2 T	Dichlorodifluoromethane	50.000	48.792	2.4	94	0.00
3 P	Chloromethane	50.000	47.472	5.1	92	0.00
4 C	Vinyl Chloride	50.000	48.467	3.1#	91	0.00
5 T	Bromomethane	50.000	57.550	-15.1	122	0.00
6 T	Chloroethane	50.000	49.276	1.4	96	0.01
7 T	Trichlorofluoromethane	50.000	51.001	-2.0	100	0.01
8 T	Diethyl Ether	50.000	48.637	2.7	97	0.01
9 T	1,1,2-Trichlorotrifluoroeth	50.000	50.038	-0.1	100	0.02
10 T	Methyl Iodide	50.000	57.931	-15.9	111	0.01
11 T	Tert butyl alcohol	250.000	181.677	27.3#	79	0.05
12 CM	1,1-Dichloroethene	50.000	51.590	-3.2#	99	0.01
13 T	Acrolein	250.000	167.525	33.0#	107	0.02
14 T	Allyl chloride	50.000	41.523	17.0	80	0.02
15 T	Acrylonitrile	250.000	219.233	12.3	86	0.01
16 T	Acetone	250.000	232.968	6.8	98	0.02
17 T	Carbon Disulfide	50.000	50.928	-1.9	90	0.02
18 T	Methyl Acetate	50.000	42.941	14.1	85	0.01
19 T	Methyl tert-butyl Ether	50.000	50.633	-1.3	98	0.02
20 T	Methylene Chloride	50.000	48.546	2.9	97	0.01
21 T	trans-1,2-Dichloroethene	50.000	51.927	-3.9	100	0.01
22 T	Diisopropyl ether	50.000	42.897	14.2	83	0.01
23 T	Vinyl Acetate	250.000	219.095	12.4	83	0.01
24 P	1,1-Dichloroethane	50.000	45.183	9.6	90	0.02
25 T	2-Butanone	250.000	209.757	16.1	87	0.02
26 T	2,2-Dichloropropane	50.000	46.439	7.1	96	0.02
27 T	cis-1,2-Dichloroethene	50.000	50.824	-1.6	100	0.01
28 T	Bromochloromethane	50.000	41.168	17.7	75	0.01
29 T	Tetrahydrofuran	250.000	209.723	16.1	80	0.01
30 C	Chloroform	50.000	48.538	2.9#	98	0.01
31 T	Cyclohexane	50.000	42.722	14.6	82	0.01
32 T	1,1,1-Trichloroethane	50.000	50.295	-0.6	100	0.01
33 S	1,2-Dichloroethane-d4	50.000	42.046	15.9	93	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	101	0.01
35 S	Dibromofluoromethane	50.000	48.695	2.6	100	0.01
36 T	1,1-Dichloropropene	50.000	51.965	-3.9	92	0.01
37 T	Ethyl Acetate	50.000	45.470	9.1	82	0.01
38 T	Carbon Tetrachloride	50.000	56.493	-13.0	103	0.01
39 T	Methylcyclohexane	50.000	54.548	-9.1	92	0.01
40 TM	Benzene	50.000	51.766	-3.5	93	0.01
41 T	Methacrylonitrile	50.000	42.875	14.2	76	0.00
42 TM	1,2-Dichloroethane	50.000	51.498	-3.0	95	0.01
43 T	Isopropyl Acetate	50.000	46.430	7.1	84	0.01
44 TM	Trichloroethene	50.000	58.306	-16.6	105	0.01
45 C	1,2-Dichloropropane	50.000	48.615	2.8#	89	0.01
46 T	Dibromomethane	50.000	54.712	-9.4	100	0.01
47 T	Bromodichloromethane	50.000	53.014	-6.0	98	0.00
48 T	Methyl methacrylate	50.000	48.515	3.0	83	0.01

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	1000.000	994.262	0.6	90	0.02
50 S	Toluene-d8	50.000	46.050	7.9	94	0.00
51 T	4-Methyl-2-Pentanone	250.000	238.618	4.6	83	0.01
52 CM	Toluene	50.000	54.625	-9.3#	97	0.01
53 T	t-1,3-Dichloropropene	50.000	53.209	-6.4	95	0.00
54 T	cis-1,3-Dichloropropene	50.000	52.642	-5.3	94	0.00
55 T	1,1,2-Trichloroethane	50.000	55.042	-10.1	101	0.01
56 T	Ethyl methacrylate	50.000	47.525	5.0	93	0.01
57 T	1,3-Dichloropropane	50.000	52.009	-4.0	94	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	219.295	12.3	81	0.00
59 T	2-Hexanone	250.000	243.864	2.5	87	0.00
60 T	Dibromochloromethane	50.000	56.945	-13.9	104	0.00
61 T	1,2-Dibromoethane	50.000	56.591	-13.2	102	0.00
62 S	4-Bromofluorobenzene	50.000	45.083	9.8	95	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	100	0.00
64 T	Tetrachloroethene	50.000	60.784	-21.6	109	0.01
65 PM	Chlorobenzene	50.000	55.552	-11.1	101	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	57.301	-14.6	104	0.00
67 C	Ethyl Benzene	50.000	54.740	-9.5#	95	0.01
68 T	m/p-Xylenes	100.000	113.488	-13.5	99	0.01
69 T	o-Xylene	50.000	57.117	-14.2	99	0.00
70 T	Styrene	50.000	56.010	-12.0	97	0.00
71 P	Bromoform	50.000	61.057	-22.1	111	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	96	0.00
73 T	Isopropylbenzene	50.000	56.513	-13.0	96	0.00
74 T	N-amyl acetate	50.000	46.968	6.1	78	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	52.928	-5.9	96	0.00
76 T	1,2,3-Trichloropropane	50.000	51.190	-2.4	98	0.01
77 T	Bromobenzene	50.000	59.759	-19.5	106	0.01
78 T	n-propylbenzene	50.000	53.691	-7.4	91	0.00
79 T	2-Chlorotoluene	50.000	53.180	-6.4	92	0.00
80 T	1,3,5-Trimethylbenzene	50.000	55.663	-11.3	95	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	52.225	-4.5	90	0.00
82 T	4-Chlorotoluene	50.000	53.195	-6.4	93	0.00
83 T	tert-Butylbenzene	50.000	56.307	-12.6	96	0.00
84 T	1,2,4-Trimethylbenzene	50.000	55.103	-10.2	93	0.00
85 T	sec-Butylbenzene	50.000	54.096	-8.2	92	0.00
86 T	p-Isopropyltoluene	50.000	55.836	-11.7	94	0.00
87 T	1,3-Dichlorobenzene	50.000	55.689	-11.4	100	0.01
88 T	1,4-Dichlorobenzene	50.000	55.843	-11.7	100	0.00
89 T	n-Butylbenzene	50.000	52.031	-4.1	87	0.00
90 T	Hexachloroethane	50.000	52.890	-5.8	95	0.01
91 T	1,2-Dichlorobenzene	50.000	55.574	-11.1	99	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	50.811	-1.6	92	0.00
93 T	1,2,4-Trichlorobenzene	50.000	54.665	-9.3	97	0.00
94 T	Hexachlorobutadiene	50.000	55.433	-10.9	99	0.00
95 T	Naphthalene	50.000	53.293	-6.6	92	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	53.249	-6.5	94	0.00

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