

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091125\
 Data File : VY023336.D
 Acq On : 11 Sep 2025 09:07
 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: Sep 12 01:21:01 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090825S.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 10 01:44:33 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	96	0.00
2 T	Dichlorodifluoromethane	50.000	45.099	9.8	96	0.01
3 P	Chloromethane	50.000	49.787	0.4	103	0.00
4 C	Vinyl Chloride	50.000	48.934	2.1#	98	0.01
5 T	Bromomethane	50.000	45.561	8.9	97	0.01
6 T	Chloroethane	50.000	49.355	1.3	99	0.02
7 T	Trichlorofluoromethane	50.000	48.564	2.9	98	0.01
8 T	Diethyl Ether	50.000	45.347	9.3	89	0.01
9 T	1,1,2-Trichlorotrifluoroeth	50.000	48.631	2.7	98	0.01
10 T	Methyl Iodide	50.000	49.330	1.3	90	0.02
11 T	Tert butyl alcohol	250.000	211.964	15.2	85	0.00
12 CM	1,1-Dichloroethene	50.000	48.155	3.7#	96	0.01
13 T	Acrolein	250.000	149.084	40.4#	61	0.00
14 T	Allyl chloride	50.000	47.585	4.8	92	0.01
15 T	Acrylonitrile	250.000	227.844	8.9	89	0.01
16 T	Acetone	250.000	264.599	-5.8	102	0.01
17 T	Carbon Disulfide	50.000	47.970	4.1	95	0.01
18 T	Methyl Acetate	50.000	43.685	12.6	89	0.01
19 T	Methyl tert-butyl Ether	50.000	46.915	6.2	90	0.01
20 T	Methylene Chloride	50.000	47.318	5.4	97	0.02
21 T	trans-1,2-Dichloroethene	50.000	49.673	0.7	97	0.02
22 T	Diisopropyl ether	50.000	48.735	2.5	92	0.00
23 T	Vinyl Acetate	250.000	241.085	3.6	90	0.01
24 P	1,1-Dichloroethane	50.000	48.450	3.1	96	0.01
25 T	2-Butanone	250.000	245.264	1.9	95	0.01
26 T	2,2-Dichloropropane	50.000	50.024	-0.0	98	0.00
27 T	cis-1,2-Dichloroethene	50.000	48.838	2.3	95	0.01
28 T	Bromochloromethane	50.000	48.680	2.6	98	0.00
29 T	Tetrahydrofuran	250.000	226.911	9.2	87	0.01
30 C	Chloroform	50.000	48.752	2.5#	97	0.01
31 T	Cyclohexane	50.000	47.208	5.6	96	0.01
32 T	1,1,1-Trichloroethane	50.000	48.974	2.1	98	0.00
33 S	1,2-Dichloroethane-d4	50.000	49.027	1.9	97	0.01
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	94	0.00
35 S	Dibromofluoromethane	50.000	52.636	-5.3	97	0.01
36 T	1,1-Dichloropropene	50.000	51.694	-3.4	96	0.01
37 T	Ethyl Acetate	50.000	46.629	6.7	88	0.00
38 T	Carbon Tetrachloride	50.000	52.210	-4.4	98	0.00
39 T	Methylcyclohexane	50.000	52.787	-5.6	96	0.00
40 TM	Benzene	50.000	51.544	-3.1	96	0.01
41 T	Methacrylonitrile	50.000	48.580	2.8	91	0.00
42 TM	1,2-Dichloroethane	50.000	50.222	-0.4	95	0.00
43 T	Isopropyl Acetate	50.000	47.604	4.8	87	0.00
44 TM	Trichloroethene	50.000	50.527	-1.1	94	0.00
45 C	1,2-Dichloropropane	50.000	51.138	-2.3#	97	0.00
46 T	Dibromomethane	50.000	49.671	0.7	93	0.00
47 T	Bromodichloromethane	50.000	51.422	-2.8	96	0.00
48 T	Methyl methacrylate	50.000	48.281	3.4	85	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	1000.000	946.211	5.4	89	0.00
50 S	Toluene-d8	50.000	53.727	-7.5	98	0.00
51 T	4-Methyl-2-Pentanone	250.000	245.621	1.8	88	0.00
52 CM	Toluene	50.000	52.801	-5.6#	95	0.00
53 T	t-1,3-Dichloropropene	50.000	51.128	-2.3	92	0.00
54 T	cis-1,3-Dichloropropene	50.000	51.345	-2.7	94	0.00
55 T	1,1,2-Trichloroethane	50.000	50.589	-1.2	94	0.00
56 T	Ethyl methacrylate	50.000	50.111	-0.2	87	0.00
57 T	1,3-Dichloropropane	50.000	50.126	-0.3	92	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	261.728	-4.7	88	0.00
59 T	2-Hexanone	250.000	258.333	-3.3	92	0.00
60 T	Dibromochloromethane	50.000	50.872	-1.7	94	0.00
61 T	1,2-Dibromoethane	50.000	49.922	0.2	93	0.00
62 S	4-Bromofluorobenzene	50.000	54.140	-8.3	98	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	93	0.00
64 T	Tetrachloroethene	50.000	48.013	4.0	87	0.00
65 PM	Chlorobenzene	50.000	51.211	-2.4	95	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	51.331	-2.7	95	0.00
67 C	Ethyl Benzene	50.000	53.558	-7.1#	95	0.00
68 T	m/p-Xylenes	100.000	109.084	-9.1	97	0.00
69 T	o-Xylene	50.000	53.935	-7.9	95	0.00
70 T	Styrene	50.000	54.486	-9.0	94	0.00
71 P	Bromoform	50.000	49.762	0.5	92	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	95	0.00
73 T	Isopropylbenzene	50.000	52.940	-5.9	96	0.00
74 T	N-amyl acetate	50.000	47.884	4.2	87	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	49.929	0.1	96	0.00
76 T	1,2,3-Trichloropropane	50.000	49.696	0.6	94	0.00
77 T	Bromobenzene	50.000	50.644	-1.3	94	0.00
78 T	n-propylbenzene	50.000	53.388	-6.8	96	0.00
79 T	2-Chlorotoluene	50.000	52.144	-4.3	95	0.01
80 T	1,3,5-Trimethylbenzene	50.000	53.770	-7.5	97	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	48.765	2.5	93	0.00
82 T	4-Chlorotoluene	50.000	51.862	-3.7	96	0.01
83 T	tert-Butylbenzene	50.000	53.223	-6.4	96	0.00
84 T	1,2,4-Trimethylbenzene	50.000	53.974	-7.9	96	0.00
85 T	sec-Butylbenzene	50.000	53.647	-7.3	97	0.00
86 T	p-Isopropyltoluene	50.000	54.140	-8.3	96	0.00
87 T	1,3-Dichlorobenzene	50.000	51.231	-2.5	95	0.00
88 T	1,4-Dichlorobenzene	50.000	49.576	0.8	94	0.00
89 T	n-Butylbenzene	50.000	53.468	-6.9	95	0.00
90 T	Hexachloroethane	50.000	50.331	-0.7	96	0.00
91 T	1,2-Dichlorobenzene	50.000	50.036	-0.1	93	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	46.217	7.6	90	0.00
93 T	1,2,4-Trichlorobenzene	50.000	49.590	0.8	90	0.00
94 T	Hexachlorobutadiene	50.000	50.331	-0.7	94	0.00
95 T	Naphthalene	50.000	47.948	4.1	84	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	48.500	3.0	88	0.00

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