

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112625\
 Data File : VY023827.D
 Acq On : 26 Nov 2025 15:17
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 LabSampleId :
 VSTDCCC050

Quant Time: Nov 27 01:23:32 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y112625S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 27 01:14:36 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	100	0.00
2 T	Dichlorodifluoromethane	50.000	41.629	16.7	93	0.00
3 P	Chloromethane	50.000	43.864	12.3	95	0.00
4 C	Vinyl Chloride	50.000	47.267	5.5#	98	0.00
5 T	Bromomethane	50.000	47.077	5.8	108	0.00
6 T	Chloroethane	50.000	50.207	-0.4	103	0.00
7 T	Trichlorofluoromethane	50.000	47.138	5.7	98	0.00
8 T	Diethyl Ether	50.000	48.282	3.4	98	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	46.354	7.3	97	0.00
10 T	Methyl Iodide	50.000	51.524	-3.0	96	0.00
11 T	Tert butyl alcohol	250.000	183.834	26.5#	87	0.00
12 CM	1,1-Dichloroethene	50.000	47.743	4.5#	98	0.00
13 T	Acrolein	250.000	210.143	15.9	86	0.00
14 T	Allyl chloride	50.000	47.206	5.6	95	0.00
15 T	Acrylonitrile	250.000	236.435	5.4	94	0.00
16 T	Acetone	250.000	206.301	17.5	86	0.00
17 T	Carbon Disulfide	50.000	45.894	8.2	95	0.00
18 T	Methyl Acetate	50.000	48.162	3.7	102	0.00
19 T	Methyl tert-butyl Ether	50.000	50.112	-0.2	100	0.00
20 T	Methylene Chloride	50.000	44.464	11.1	100	0.00
21 T	trans-1,2-Dichloroethene	50.000	48.671	2.7	99	0.00
22 T	Diisopropyl ether	50.000	50.665	-1.3	100	0.00
23 T	Vinyl Acetate	250.000	246.812	1.3	95	0.00
24 P	1,1-Dichloroethane	50.000	48.343	3.3	99	0.00
25 T	2-Butanone	250.000	217.615	13.0	89	0.00
26 T	2,2-Dichloropropane	50.000	45.622	8.8	94	0.00
27 T	cis-1,2-Dichloroethene	50.000	49.814	0.4	102	0.00
28 T	Bromochloromethane	50.000	49.129	1.7	100	0.00
29 T	Tetrahydrofuran	250.000	234.305	6.3	92	0.00
30 C	Chloroform	50.000	49.452	1.1#	101	0.00
31 T	Cyclohexane	50.000	44.769	10.5	94	0.00
32 T	1,1,1-Trichloroethane	50.000	48.515	3.0	100	0.00
33 S	1,2-Dichloroethane-d4	50.000	49.416	1.2	98	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	101	0.00
35 S	Dibromofluoromethane	50.000	49.687	0.6	98	0.00
36 T	1,1-Dichloropropene	50.000	48.507	3.0	98	0.00
37 T	Ethyl Acetate	50.000	47.917	4.2	95	0.00
38 T	Carbon Tetrachloride	50.000	48.208	3.6	98	0.00
39 T	Methylcyclohexane	50.000	47.646	4.7	95	0.00
40 TM	Benzene	50.000	48.982	2.0	100	0.00
41 T	Methacrylonitrile	50.000	51.830	-3.7	108	0.00
42 TM	1,2-Dichloroethane	50.000	50.308	-0.6	102	0.00
43 T	Isopropyl Acetate	50.000	48.822	2.4	97	0.00
44 TM	Trichloroethene	50.000	49.691	0.6	101	0.00
45 C	1,2-Dichloropropane	50.000	50.023	-0.0#	101	0.00
46 T	Dibromomethane	50.000	50.207	-0.4	102	0.00
47 T	Bromodichloromethane	50.000	50.525	-1.0	103	0.00
48 T	Methyl methacrylate	50.000	50.321	-0.6	96	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	1000.000	987.182	1.3	98	0.00
50 S	Toluene-d8	50.000	49.705	0.6	97	0.00
51 T	4-Methyl-2-Pentanone	250.000	243.643	2.5	94	0.00
52 CM	Toluene	50.000	50.632	-1.3#	99	0.00
53 T	t-1,3-Dichloropropene	50.000	50.256	-0.5	99	0.00
54 T	cis-1,3-Dichloropropene	50.000	49.780	0.4	100	0.00
55 T	1,1,2-Trichloroethane	50.000	49.616	0.8	99	0.00
56 T	Ethyl methacrylate	50.000	51.075	-2.2	97	0.00
57 T	1,3-Dichloropropane	50.000	50.118	-0.2	100	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	251.966	-0.8	98	0.00
59 T	2-Hexanone	250.000	231.731	7.3	90	0.00
60 T	Dibromochloromethane	50.000	50.789	-1.6	102	0.00
61 T	1,2-Dibromoethane	50.000	49.810	0.4	101	0.00
62 S	4-Bromofluorobenzene	50.000	50.800	-1.6	101	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	102	0.00
64 T	Tetrachloroethene	50.000	48.603	2.8	100	0.00
65 PM	Chlorobenzene	50.000	49.377	1.2	101	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	50.495	-1.0	104	0.00
67 C	Ethyl Benzene	50.000	50.214	-0.4#	100	0.00
68 T	m/p-Xylenes	100.000	100.816	-0.8	100	0.00
69 T	o-Xylene	50.000	50.823	-1.6	102	0.00
70 T	Styrene	50.000	51.673	-3.3	101	0.00
71 P	Bromoform	50.000	48.963	2.1	101	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	104	0.00
73 T	Isopropylbenzene	50.000	48.735	2.5	100	0.00
74 T	N-ethyl acetate	50.000	47.585	4.8	95	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	46.397	7.2	98	0.00
76 T	1,2,3-Trichloropropane	50.000	45.989	8.0	94	0.00
77 T	Bromobenzene	50.000	48.027	3.9	101	0.00
78 T	n-propylbenzene	50.000	48.294	3.4	99	0.00
79 T	2-Chlorotoluene	50.000	47.779	4.4	99	0.00
80 T	1,3,5-Trimethylbenzene	50.000	48.836	2.3	99	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	46.096	7.8	95	0.00
82 T	4-Chlorotoluene	50.000	47.978	4.0	99	0.00
83 T	tert-Butylbenzene	50.000	48.836	2.3	100	0.00
84 T	1,2,4-Trimethylbenzene	50.000	49.251	1.5	100	0.00
85 T	sec-Butylbenzene	50.000	48.049	3.9	98	0.00
86 T	p-Isopropyltoluene	50.000	48.681	2.6	98	0.00
87 T	1,3-Dichlorobenzene	50.000	48.090	3.8	101	0.00
88 T	1,4-Dichlorobenzene	50.000	47.061	5.9	100	0.00
89 T	n-Butylbenzene	50.000	48.408	3.2	97	0.00
90 T	Hexachloroethane	50.000	47.311	5.4	101	0.00
91 T	1,2-Dichlorobenzene	50.000	48.018	4.0	100	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	43.099	13.8	93	0.00
93 T	1,2,4-Trichlorobenzene	50.000	47.574	4.9	99	0.00
94 T	Hexachlorobutadiene	50.000	47.027	5.9	101	0.00
95 T	Naphthalene	50.000	47.806	4.4	96	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	48.142	3.7	101	0.00

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