

Data Path : Z:\voasrv\HPCHEM1\MSVOA_T\Data\VT120825\
 Data File : VT019247.D
 Acq On : 8 Dec 2025 15:30
 Operator : SY/MD
 Sample : VSTDICV050
 Misc : 5.00g/5.0mL/MSVOA_T/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_T
 ClientSampleId :
 ICVVT120825

Quant Time: Dec 09 01:17:25 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_T\methods\82T120825S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 09 01:13:34 2025
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 20% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1 I	Pentafluorobenzene	50.000	50.000	0.0	92	0.00
2 T	Dichlorodifluoromethane	50.000	43.668	12.7	96	0.00
3 P	Chloromethane	50.000	44.988	10.0	102	0.00
4 C	Vinyl Chloride	50.000	47.230	5.5#	99	0.00
5 T	Bromomethane	50.000	48.392	3.2	99	0.02
6 T	Chloroethane	50.000	48.798	2.4	107	0.00
7 T	Trichlorofluoromethane	50.000	47.294	5.4	99	0.00
8 T	Diethyl Ether	50.000	46.855	6.3	92	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	48.293	3.4	99	0.00
10 T	Methyl Iodide	50.000	52.987	-6.0	99	0.00
11 T	Tert butyl alcohol	250.000	241.534	3.4	91	0.00
12 CM	1,1-Dichloroethene	50.000	46.819	6.4#	95	0.00
13 T	Acrolein	250.000	85.576	65.8#	85	0.00
14 T	Allyl chloride	50.000	48.455	3.1	99	0.00
15 T	Acrylonitrile	250.000	266.036	-6.4	93	0.00
16 T	Acetone	250.000	252.100	-0.8	92	0.00
17 T	Carbon Disulfide	50.000	47.431	5.1	98	0.00
18 T	Methyl Acetate	50.000	59.501	-19.0	90	0.00
19 T	Methyl tert-butyl Ether	50.000	52.953	-5.9	96	0.00
20 T	Methylene Chloride	50.000	53.193	-6.4	105	0.00
21 T	trans-1,2-Dichloroethene	50.000	51.805	-3.6	101	0.00
22 T	Diisopropyl ether	50.000	49.389	1.2	95	0.00
23 T	Vinyl Acetate	250.000	253.709	-1.5	95	0.00
24 P	1,1-Dichloroethane	50.000	49.030	1.9	97	0.00
25 T	2-Butanone	250.000	207.561	17.0	89	0.00
26 T	2,2-Dichloropropane	50.000	50.890	-1.8	100	0.00
27 T	cis-1,2-Dichloroethene	50.000	48.771	2.5	96	0.00
28 T	Bromochloromethane	50.000	48.467	3.1	89	0.00
29 T	Tetrahydrofuran	250.000	252.186	-0.9	89	0.00
30 C	Chloroform	50.000	47.953	4.1#	95	0.00
31 T	Cyclohexane	50.000	46.389	7.2	98	0.00
32 T	1,1,1-Trichloroethane	50.000	49.510	1.0	97	0.00
33 S	1,2-Dichloroethane-d4	50.000	46.619	6.8	87	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	91	0.00
35 S	Dibromofluoromethane	50.000	48.391	3.2	90	0.00
36 T	1,1-Dichloropropene	50.000	48.407	3.2	97	0.00
37 T	Ethyl Acetate	50.000	49.841	0.3	91	0.00
38 T	Carbon Tetrachloride	50.000	52.338	-4.7	99	0.00
39 T	Methylcyclohexane	50.000	50.087	-0.2	98	0.00
40 TM	Benzene	50.000	48.804	2.4	96	0.00
41 T	Methacrylonitrile	50.000	48.093	3.8	85	0.00
42 TM	1,2-Dichloroethane	50.000	49.311	1.4	92	0.00
43 T	Isopropyl Acetate	50.000	52.238	-4.5	92	0.00
44 TM	Trichloroethene	50.000	48.712	2.6	97	0.00
45 C	1,2-Dichloropropane	50.000	49.948	0.1#	96	0.00
46 T	Dibromomethane	50.000	51.166	-2.3	95	0.00
47 T	Bromodichloromethane	50.000	51.078	-2.2	96	0.00
48 T	Methyl methacrylate	50.000	52.884	-5.8	91	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	1000.000	959.115	4.1	92	0.00
50 S	Toluene-d8	50.000	47.469	5.1	89	0.00
51 T	4-Methyl-2-Pentanone	250.000	253.166	-1.3	91	0.00
52 CM	Toluene	50.000	49.893	0.2#	96	0.00
53 T	t-1,3-Dichloropropene	50.000	53.930	-7.9	94	0.00
54 T	cis-1,3-Dichloropropene	50.000	51.583	-3.2	94	0.00
55 T	1,1,2-Trichloroethane	50.000	50.541	-1.1	92	0.00
56 T	Ethyl methacrylate	50.000	54.354	-8.7	91	0.00
57 T	1,3-Dichloropropane	50.000	50.600	-1.2	94	0.00
58 T	2-Chloroethyl Vinyl ether	50.000	59.063	-18.1	90	0.00
59 T	2-Hexanone	250.000	222.953	10.8	90	0.00
60 T	Dibromochloromethane	50.000	52.820	-5.6	94	0.00
61 T	1,2-Dibromoethane	50.000	52.059	-4.1	90	0.00
62 S	4-Bromofluorobenzene	50.000	50.403	-0.8	85	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	91	0.00
64 T	Tetrachloroethene	50.000	47.436	5.1	96	0.00
65 PM	Chlorobenzene	50.000	48.546	2.9	96	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	49.578	0.8	93	0.00
67 C	Ethyl Benzene	50.000	48.023	4.0#	97	0.00
68 T	m/p-Xylenes	100.000	94.608	5.4	96	0.00
69 T	o-Xylene	50.000	48.138	3.7	96	0.00
70 T	Styrene	50.000	47.921	4.2	94	0.00
71 P	Bromoform	50.000	44.748	10.5	77	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	94	0.00
73 T	Isopropylbenzene	50.000	48.822	2.4	89	0.00
74 T	N-amyl acetate	50.000	52.281	-4.6	83	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	50.086	-0.2	82	0.00
76 T	1,2,3-Trichloropropane	50.000	46.740	6.5	87	0.00
77 T	Bromobenzene	50.000	51.845	-3.7	93	0.00
78 T	n-propylbenzene	50.000	47.097	5.8	83	0.00
79 T	2-Chlorotoluene	50.000	47.675	4.7	85	0.00
80 T	1,3,5-Trimethylbenzene	50.000	48.730	2.5	92	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	46.276	7.4	79	0.00
82 T	4-Chlorotoluene	50.000	46.863	6.3	84	0.00
83 T	tert-Butylbenzene	50.000	49.310	1.4	103	0.00
84 T	1,2,4-Trimethylbenzene	50.000	53.258	-6.5	101	0.00
85 T	sec-Butylbenzene	50.000	50.105	-0.2	104	0.00
86 T	p-Isopropyltoluene	50.000	50.957	-1.9	100	0.00
87 T	1,3-Dichlorobenzene	50.000	49.269	1.5	99	0.00
88 T	1,4-Dichlorobenzene	50.000	48.029	3.9	101	0.00
89 T	n-Butylbenzene	50.000	50.401	-0.8	104	0.00
90 T	Hexachloroethane	50.000	54.403	-8.8	105	0.00
91 T	1,2-Dichlorobenzene	50.000	47.668	4.7	100	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	58.097	-16.2	102	0.00
93 T	1,2,4-Trichlorobenzene	50.000	49.965	0.1	107	0.00
94 T	Hexachlorobutadiene	50.000	49.250	1.5	109	0.01
95 T	Naphthalene	50.000	47.957	4.1	101	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	47.185	5.6	102	0.00

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