

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081325\
 Data File : VY023082.D
 Acq On : 13 Aug 2025 20:00
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 LabSampleId :
 VSTDCCC050

Quant Time: Aug 14 03:01:03 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081225S.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 13 02:10:11 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	82	0.00
2 T	Dichlorodifluoromethane	50.000	39.105	21.8	75	0.00
3 P	Chloromethane	50.000	51.531	-3.1	92	0.00
4 C	Vinyl Chloride	50.000	51.951	-3.9#	91	0.00
5 T	Bromomethane	50.000	55.884	-11.8	104	0.00
6 T	Chloroethane	50.000	54.827	-9.7	95	0.00
7 T	Trichlorofluoromethane	50.000	47.599	4.8	83	0.00
8 T	Diethyl Ether	50.000	47.275	5.5	81	0.01
9 T	1,1,2-Trichlorotrifluoroeth	50.000	46.513	7.0	81	0.00
10 T	Methyl Iodide	50.000	47.564	4.9	75	0.00
11 T	Tert butyl alcohol	250.000	218.366	12.7	74	0.00
12 CM	1,1-Dichloroethene	50.000	47.150	5.7#	81	0.00
13 T	Acrolein	250.000	175.306	29.9#	61	0.00
14 T	Allyl chloride	50.000	47.744	4.5	81	0.00
15 T	Acrylonitrile	250.000	242.199	3.1	80	0.00
16 T	Acetone	250.000	198.426	20.6	65	0.01
17 T	Carbon Disulfide	50.000	47.377	5.2	82	0.00
18 T	Methyl Acetate	50.000	53.111	-6.2	83	0.00
19 T	Methyl tert-butyl Ether	50.000	48.863	2.3	81	0.00
20 T	Methylene Chloride	50.000	51.824	-3.6	89	0.00
21 T	trans-1,2-Dichloroethene	50.000	49.867	0.3	85	0.00
22 T	Diisopropyl ether	50.000	50.952	-1.9	85	0.00
23 T	Vinyl Acetate	250.000	237.183	5.1	79	0.00
24 P	1,1-Dichloroethane	50.000	50.854	-1.7	86	0.00
25 T	2-Butanone	250.000	224.999	10.0	73	0.00
26 T	2,2-Dichloropropane	50.000	43.733	12.5	74	0.00
27 T	cis-1,2-Dichloroethene	50.000	50.561	-1.1	86	0.00
28 T	Bromochloromethane	50.000	52.662	-5.3	89	0.00
29 T	Tetrahydrofuran	250.000	238.509	4.6	78	0.00
30 C	Chloroform	50.000	51.354	-2.7#	87	0.00
31 T	Cyclohexane	50.000	45.365	9.3	81	0.00
32 T	1,1,1-Trichloroethane	50.000	49.325	1.3	83	0.00
33 S	1,2-Dichloroethane-d4	50.000	51.443	-2.9	87	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	85	0.00
35 S	Dibromofluoromethane	50.000	49.874	0.3	87	0.00
36 T	1,1-Dichloropropene	50.000	47.457	5.1	83	0.00
37 T	Ethyl Acetate	50.000	44.531	10.9	75	0.00
38 T	Carbon Tetrachloride	50.000	47.191	5.6	83	0.00
39 T	Methylcyclohexane	50.000	46.461	7.1	82	0.00
40 TM	Benzene	50.000	49.159	1.7	86	0.00
41 T	Methacrylonitrile	50.000	50.010	-0.0	84	0.00
42 TM	1,2-Dichloroethane	50.000	49.294	1.4	86	0.00
43 T	Isopropyl Acetate	50.000	46.064	7.9	80	0.00
44 TM	Trichloroethene	50.000	47.865	4.3	85	0.00
45 C	1,2-Dichloropropane	50.000	50.153	-0.3#	87	0.00
46 T	Dibromomethane	50.000	49.874	0.3	86	0.00
47 T	Bromodichloromethane	50.000	49.561	0.9	86	0.00
48 T	Methyl methacrylate	50.000	46.388	7.2	76	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	1000.000	946.941	5.3	81	0.00
50 S	Toluene-d8	50.000	49.680	0.6	87	0.00
51 T	4-Methyl-2-Pentanone	250.000	235.707	5.7	79	0.00
52 CM	Toluene	50.000	49.890	0.2#	86	0.00
53 T	t-1,3-Dichloropropene	50.000	47.408	5.2	81	0.00
54 T	cis-1,3-Dichloropropene	50.000	47.881	4.2	82	0.00
55 T	1,1,2-Trichloroethane	50.000	48.399	3.2	84	0.00
56 T	Ethyl methacrylate	50.000	48.164	3.7	80	0.00
57 T	1,3-Dichloropropane	50.000	49.039	1.9	85	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	263.718	-5.5	85	0.00
59 T	2-Hexanone	250.000	229.542	8.2	76	0.00
60 T	Dibromochloromethane	50.000	48.956	2.1	84	0.00
61 T	1,2-Dibromoethane	50.000	48.817	2.4	84	0.00
62 S	4-Bromofluorobenzene	50.000	50.453	-0.9	87	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	87	0.00
64 T	Tetrachloroethene	50.000	49.476	1.0	88	0.00
65 PM	Chlorobenzene	50.000	48.595	2.8	86	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	48.615	2.8	86	0.00
67 C	Ethyl Benzene	50.000	48.633	2.7#	84	0.00
68 T	m/p-Xylenes	100.000	98.062	1.9	86	0.00
69 T	o-Xylene	50.000	49.346	1.3	85	0.00
70 T	Styrene	50.000	51.107	-2.2	88	0.00
71 P	Bromoform	50.000	45.809	8.4	80	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	89	0.00
73 T	Isopropylbenzene	50.000	46.989	6.0	85	0.00
74 T	N-ethyl acetate	50.000	45.070	9.9	79	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	44.662	10.7	82	0.00
76 T	1,2,3-Trichloropropane	50.000	45.368	9.3	73	0.00
77 T	Bromobenzene	50.000	45.880	8.2	83	0.00
78 T	n-propylbenzene	50.000	47.608	4.8	85	0.00
79 T	2-Chlorotoluene	50.000	47.220	5.6	85	0.00
80 T	1,3,5-Trimethylbenzene	50.000	48.002	4.0	86	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	41.468	17.1	75	0.00
82 T	4-Chlorotoluene	50.000	47.468	5.1	86	0.00
83 T	tert-Butylbenzene	50.000	46.538	6.9	83	0.00
84 T	1,2,4-Trimethylbenzene	50.000	48.337	3.3	87	0.00
85 T	sec-Butylbenzene	50.000	47.086	5.8	84	0.00
86 T	p-Isopropyltoluene	50.000	48.033	3.9	85	0.00
87 T	1,3-Dichlorobenzene	50.000	46.997	6.0	87	0.00
88 T	1,4-Dichlorobenzene	50.000	46.447	7.1	85	0.00
89 T	n-Butylbenzene	50.000	47.492	5.0	84	0.00
90 T	Hexachloroethane	50.000	47.698	4.6	87	0.00
91 T	1,2-Dichlorobenzene	50.000	46.764	6.5	86	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	45.213	9.6	80	0.00
93 T	1,2,4-Trichlorobenzene	50.000	43.501	13.0	79	0.00
94 T	Hexachlorobutadiene	50.000	41.989	16.0	77	0.00
95 T	Naphthalene	50.000	46.256	7.5	82	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	43.140	13.7	79	0.00

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