

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081425\
 Data File : VY023109.D
 Acq On : 14 Aug 2025 20:38
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 LabSampleId :
 VSTDCCC050

Quant Time: Aug 18 01:32:33 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	77	0.00
2 T	Dichlorodifluoromethane	50.000	37.436	25.1#	68	0.00
3 P	Chloromethane	50.000	50.612	-1.2	85	0.00
4 C	Vinyl Chloride	50.000	53.299	-6.6#	87	0.00
5 T	Bromomethane	50.000	56.056	-12.1	98	0.00
6 T	Chloroethane	50.000	56.698	-13.4	92	0.00
7 T	Trichlorofluoromethane	50.000	47.526	4.9	78	0.00
8 T	Diethyl Ether	50.000	46.826	6.3	76	0.01
9 T	1,1,2-Trichlorotrifluoroeth	50.000	45.401	9.2	74	0.01
10 T	Methyl Iodide	50.000	52.294	-4.6	78	0.00
11 T	Tert butyl alcohol	250.000	219.404	12.2	70	0.00
12 CM	1,1-Dichloroethene	50.000	46.597	6.8#	75	0.00
13 T	Acrolein	250.000	150.160	39.9#	49	0.00
14 T	Allyl chloride	50.000	45.884	8.2	73	0.00
15 T	Acrylonitrile	250.000	241.303	3.5	75	0.00
16 T	Acetone	250.000	182.326	27.1#	56	0.01
17 T	Carbon Disulfide	50.000	46.257	7.5	75	0.00
18 T	Methyl Acetate	50.000	51.627	-3.3	76	0.00
19 T	Methyl tert-butyl Ether	50.000	49.373	1.3	77	0.00
20 T	Methylene Chloride	50.000	50.830	-1.7	82	0.01
21 T	trans-1,2-Dichloroethene	50.000	48.739	2.5	78	0.01
22 T	Diisopropyl ether	50.000	50.509	-1.0	79	0.00
23 T	Vinyl Acetate	250.000	238.003	4.8	74	0.00
24 P	1,1-Dichloroethane	50.000	50.629	-1.3	80	0.00
25 T	2-Butanone	250.000	220.416	11.8	67	0.01
26 T	2,2-Dichloropropane	50.000	41.758	16.5	66	0.00
27 T	cis-1,2-Dichloroethene	50.000	50.429	-0.9	80	0.00
28 T	Bromochloromethane	50.000	50.366	-0.7	80	0.00
29 T	Tetrahydrofuran	250.000	235.626	5.7	73	0.00
30 C	Chloroform	50.000	51.980	-4.0#	83	0.00
31 T	Cyclohexane	50.000	43.985	12.0	74	0.00
32 T	1,1,1-Trichloroethane	50.000	50.099	-0.2	80	0.00
33 S	1,2-Dichloroethane-d4	50.000	53.901	-7.8	86	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	81	0.00
35 S	Dibromofluoromethane	50.000	50.660	-1.3	84	0.00
36 T	1,1-Dichloropropene	50.000	47.183	5.6	78	0.00
37 T	Ethyl Acetate	50.000	45.871	8.3	74	0.00
38 T	Carbon Tetrachloride	50.000	47.160	5.7	79	0.00
39 T	Methylcyclohexane	50.000	45.989	8.0	77	0.00
40 TM	Benzene	50.000	49.676	0.6	82	0.00
41 T	Methacrylonitrile	50.000	42.799	14.4	68	0.00
42 TM	1,2-Dichloroethane	50.000	49.831	0.3	83	0.00
43 T	Isopropyl Acetate	50.000	46.911	6.2	77	0.00
44 TM	Trichloroethene	50.000	47.429	5.1	80	0.00
45 C	1,2-Dichloropropane	50.000	50.190	-0.4#	83	0.00
46 T	Dibromomethane	50.000	50.217	-0.4	82	0.00
47 T	Bromodichloromethane	50.000	51.308	-2.6	84	0.00
48 T	Methyl methacrylate	50.000	46.602	6.8	72	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	1000.000	959.813	4.0	78	0.00
50 S	Toluene-d8	50.000	50.964	-1.9	84	0.00
51 T	4-Methyl-2-Pentanone	250.000	240.407	3.8	76	0.00
52 CM	Toluene	50.000	50.491	-1.0#	83	0.00
53 T	t-1,3-Dichloropropene	50.000	48.061	3.9	78	0.00
54 T	cis-1,3-Dichloropropene	50.000	48.260	3.5	78	0.00
55 T	1,1,2-Trichloroethane	50.000	49.113	1.8	81	0.00
56 T	Ethyl methacrylate	50.000	49.346	1.3	77	0.00
57 T	1,3-Dichloropropane	50.000	49.259	1.5	81	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	258.207	-3.3	79	0.00
59 T	2-Hexanone	250.000	233.670	6.5	73	0.00
60 T	Dibromochloromethane	50.000	49.847	0.3	81	0.00
61 T	1,2-Dibromoethane	50.000	49.026	1.9	80	0.00
62 S	4-Bromofluorobenzene	50.000	51.660	-3.3	85	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	84	0.00
64 T	Tetrachloroethene	50.000	47.178	5.6	81	0.00
65 PM	Chlorobenzene	50.000	48.335	3.3	83	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	49.184	1.6	83	0.00
67 C	Ethyl Benzene	50.000	48.775	2.5#	81	0.00
68 T	m/p-Xylenes	100.000	99.829	0.2	84	0.00
69 T	o-Xylene	50.000	50.504	-1.0	84	0.00
70 T	Styrene	50.000	51.783	-3.6	86	0.00
71 P	Bromoform	50.000	47.255	5.5	79	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	87	0.00
73 T	Isopropylbenzene	50.000	46.938	6.1	82	0.00
74 T	N-amyl acetate	50.000	44.606	10.8	75	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	45.802	8.4	82	0.00
76 T	1,2,3-Trichloropropane	50.000	54.526	-9.1	85	0.00
77 T	Bromobenzene	50.000	46.165	7.7	81	0.00
78 T	n-propylbenzene	50.000	47.987	4.0	83	0.00
79 T	2-Chlorotoluene	50.000	47.529	4.9	83	0.00
80 T	1,3,5-Trimethylbenzene	50.000	48.207	3.6	83	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	39.770	20.5	70	0.00
82 T	4-Chlorotoluene	50.000	48.521	3.0	85	0.00
83 T	tert-Butylbenzene	50.000	47.072	5.9	81	0.00
84 T	1,2,4-Trimethylbenzene	50.000	49.211	1.6	85	0.00
85 T	sec-Butylbenzene	50.000	47.812	4.4	83	0.00
86 T	p-Isopropyltoluene	50.000	48.457	3.1	83	0.00
87 T	1,3-Dichlorobenzene	50.000	47.944	4.1	86	0.00
88 T	1,4-Dichlorobenzene	50.000	46.877	6.2	84	0.00
89 T	n-Butylbenzene	50.000	48.761	2.5	84	0.00
90 T	Hexachloroethane	50.000	47.944	4.1	85	0.00
91 T	1,2-Dichlorobenzene	50.000	47.139	5.7	84	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	45.509	9.0	78	0.00
93 T	1,2,4-Trichlorobenzene	50.000	44.744	10.5	79	0.00
94 T	Hexachlorobutadiene	50.000	43.304	13.4	77	0.00
95 T	Naphthalene	50.000	46.067	7.9	79	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	44.896	10.2	80	0.00

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