

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061125\
 Data File : VY022664.D
 Acq On : 11 Jun 2025 15:07
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 LabSampleId :
 VSTDCCC050

Quant Time: Jun 12 05:08:44 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060225S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 10 15:26:14 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	83	0.00
2 T	Dichlorodifluoromethane	50.000	42.934	14.1	77	0.00
3 P	Chloromethane	50.000	40.542	18.9	72	0.00
4 C	Vinyl Chloride	50.000	55.348	-10.7#	94	0.00
5 T	Bromomethane	50.000	42.795	14.4	84	-0.01
6 T	Chloroethane	50.000	56.588	-13.2	103	-0.01
7 T	Trichlorofluoromethane	50.000	57.379	-14.8	102	-0.01
8 T	Diethyl Ether	50.000	44.860	10.3	75	-0.01
9 T	1,1,2-Trichlorotrifluoroeth	50.000	47.481	5.0	81	-0.01
10 T	Methyl Iodide	50.000	51.004	-2.0	78	0.00
11 T	Tert butyl alcohol	250.000	227.964	8.8	77	-0.03
12 CM	1,1-Dichloroethene	50.000	49.887	0.2#	84	-0.02
13 T	Acrolein	250.000	98.468	60.6#	34	-0.02
14 T	Allyl chloride	50.000	44.108	11.8	75	-0.01
15 T	Acrylonitrile	250.000	219.381	12.2	72	-0.01
16 T	Acetone	250.000	223.295	10.7	73	-0.02
17 T	Carbon Disulfide	50.000	45.254	9.5	76	-0.01
18 T	Methyl Acetate	50.000	45.242	9.5	76	-0.02
19 T	Methyl tert-butyl Ether	50.000	46.344	7.3	77	-0.02
20 T	Methylene Chloride	50.000	44.947	10.1	84	-0.02
21 T	trans-1,2-Dichloroethene	50.000	48.528	2.9	83	-0.01
22 T	Diisopropyl ether	50.000	45.396	9.2	76	-0.01
23 T	Vinyl Acetate	250.000	210.554	15.8	70	-0.01
24 P	1,1-Dichloroethane	50.000	49.271	1.5	83	-0.01
25 T	2-Butanone	250.000	218.612	12.6	71	-0.01
26 T	2,2-Dichloropropane	50.000	50.298	-0.6	84	0.00
27 T	cis-1,2-Dichloroethene	50.000	50.429	-0.9	83	-0.01
28 T	Bromochloromethane	50.000	44.621	10.8	77	0.00
29 T	Tetrahydrofuran	250.000	210.910	15.6	71	-0.01
30 C	Chloroform	50.000	50.234	-0.5#	84	-0.01
31 T	Cyclohexane	50.000	42.579	14.8	75	-0.01
32 T	1,1,1-Trichloroethane	50.000	50.229	-0.5	84	-0.01
33 S	1,2-Dichloroethane-d4	50.000	45.131	9.7	71	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	83	0.00
35 S	Dibromofluoromethane	50.000	49.517	1.0	76	0.00
36 T	1,1-Dichloropropene	50.000	50.076	-0.2	83	-0.01
37 T	Ethyl Acetate	50.000	43.311	13.4	68	-0.01
38 T	Carbon Tetrachloride	50.000	50.408	-0.8	82	0.00
39 T	Methylcyclohexane	50.000	46.938	6.1	77	0.00
40 TM	Benzene	50.000	51.354	-2.7	84	0.00
41 T	Methacrylonitrile	50.000	41.292	17.4	69	-0.01
42 TM	1,2-Dichloroethane	50.000	46.095	7.8	76	-0.01
43 T	Isopropyl Acetate	50.000	44.305	11.4	72	0.00
44 TM	Trichloroethene	50.000	54.584	-9.2	89	0.00
45 C	1,2-Dichloropropane	50.000	50.184	-0.4#	82	0.00
46 T	Dibromomethane	50.000	48.978	2.0	80	0.00
47 T	Bromodichloromethane	50.000	49.246	1.5	80	0.00
48 T	Methyl methacrylate	50.000	41.507	17.0	68	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	1000.000	930.584	6.9	79	-0.02
50 S	Toluene-d8	50.000	50.745	-1.5	79	0.00
51 T	4-Methyl-2-Pentanone	250.000	223.486	10.6	71	0.00
52 CM	Toluene	50.000	51.024	-2.0#	84	0.00
53 T	t-1,3-Dichloropropene	50.000	47.738	4.5	77	0.00
54 T	cis-1,3-Dichloropropene	50.000	49.616	0.8	80	0.00
55 T	1,1,2-Trichloroethane	50.000	47.632	4.7	79	0.00
56 T	Ethyl methacrylate	50.000	47.764	4.5	76	0.00
57 T	1,3-Dichloropropane	50.000	48.090	3.8	79	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	248.382	0.6	82	0.00
59 T	2-Hexanone	250.000	224.569	10.2	72	0.00
60 T	Dibromochloromethane	50.000	48.149	3.7	78	0.00
61 T	1,2-Dibromoethane	50.000	48.421	3.2	80	0.00
62 S	4-Bromofluorobenzene	50.000	50.044	-0.1	80	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	82	0.00
64 T	Tetrachloroethene	50.000	63.928	-27.9#	104	0.00
65 PM	Chlorobenzene	50.000	51.989	-4.0	85	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	51.056	-2.1	83	0.00
67 C	Ethyl Benzene	50.000	51.398	-2.8#	83	0.00
68 T	m/p-Xylenes	100.000	104.498	-4.5	85	0.00
69 T	o-Xylene	50.000	52.894	-5.8	87	0.00
70 T	Styrene	50.000	52.424	-4.8	84	0.00
71 P	Bromoform	50.000	48.333	3.3	79	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	85	0.00
73 T	Isopropylbenzene	50.000	50.210	-0.4	85	0.00
74 T	N-amyl acetate	50.000	44.340	11.3	73	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	38.413	23.2	64	0.00
76 T	1,2,3-Trichloropropane	50.000	44.507	11.0	69	0.00
77 T	Bromobenzene	50.000	50.011	-0.0	85	0.00
78 T	n-propylbenzene	50.000	49.873	0.3	84	0.00
79 T	2-Chlorotoluene	50.000	49.256	1.5	83	0.00
80 T	1,3,5-Trimethylbenzene	50.000	50.055	-0.1	84	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	41.290	17.4	71	0.00
82 T	4-Chlorotoluene	50.000	48.391	3.2	81	0.00
83 T	tert-Butylbenzene	50.000	51.390	-2.8	87	0.00
84 T	1,2,4-Trimethylbenzene	50.000	49.775	0.5	85	0.00
85 T	sec-Butylbenzene	50.000	50.277	-0.6	85	0.00
86 T	p-Isopropyltoluene	50.000	51.086	-2.2	87	0.00
87 T	1,3-Dichlorobenzene	50.000	50.570	-1.1	87	0.00
88 T	1,4-Dichlorobenzene	50.000	49.053	1.9	83	0.00
89 T	n-Butylbenzene	50.000	50.596	-1.2	84	0.00
90 T	Hexachloroethane	50.000	50.740	-1.5	85	0.00
91 T	1,2-Dichlorobenzene	50.000	49.555	0.9	83	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	45.142	9.7	71	0.00
93 T	1,2,4-Trichlorobenzene	50.000	51.112	-2.2	86	0.00
94 T	Hexachlorobutadiene	50.000	50.664	-1.3	86	0.00
95 T	Naphthalene	50.000	58.089	-16.2	95	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	48.472	3.1	82	0.00

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