

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062725\
 Data File : VY022870.D
 Acq On : 27 Jun 2025 18:49
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 LabSampleId :
 VSTDCCC050

Quant Time: Jun 27 23:22:14 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062325S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 24 08:29:52 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	43.937	12.1	73	0.00
3 P	Chloromethane	50.000	47.211	5.6	79	0.00
4 C	Vinyl Chloride	50.000	48.630	2.7#	78	0.00
5 T	Bromomethane	50.000	46.094	7.8	78	0.00
6 T	Chloroethane	50.000	50.283	-0.6	81	0.00
7 T	Trichlorofluoromethane	50.000	44.713	10.6	71	0.00
8 T	Diethyl Ether	50.000	47.131	5.7	75	-0.01
9 T	1,1,2-Trichlorotrifluoroeth	50.000	46.479	7.0	76	0.00
10 T	Methyl Iodide	50.000	53.205	-6.4	78	0.00
11 T	Tert butyl alcohol	250.000	199.474	20.2	63	-0.02
12 CM	1,1-Dichloroethene	50.000	48.419	3.2#	78	-0.01
13 T	Acrolein	250.000	160.768	35.7#	54	0.00
14 T	Allyl chloride	50.000	50.196	-0.4	80	0.00
15 T	Acrylonitrile	250.000	237.984	4.8	75	-0.01
16 T	Acetone	250.000	192.729	22.9	70	-0.01
17 T	Carbon Disulfide	50.000	49.019	2.0	79	0.00
18 T	Methyl Acetate	50.000	59.760	-19.5	97	-0.01
19 T	Methyl tert-butyl Ether	50.000	47.095	5.8	74	-0.01
20 T	Methylene Chloride	50.000	44.838	10.3	83	0.00
21 T	trans-1,2-Dichloroethene	50.000	50.134	-0.3	80	0.00
22 T	Diisopropyl ether	50.000	51.071	-2.1	81	0.00
23 T	Vinyl Acetate	250.000	222.504	11.0	69	-0.01
24 P	1,1-Dichloroethane	50.000	52.023	-4.0	83	0.00
25 T	2-Butanone	250.000	214.007	14.4	70	0.00
26 T	2,2-Dichloropropane	50.000	45.362	9.3	73	0.00
27 T	cis-1,2-Dichloroethene	50.000	50.527	-1.1	81	0.00
28 T	Bromochloromethane	50.000	51.404	-2.8	80	0.00
29 T	Tetrahydrofuran	250.000	229.154	8.3	71	0.00
30 C	Chloroform	50.000	50.691	-1.4#	81	0.00
31 T	Cyclohexane	50.000	46.270	7.5	77	0.00
32 T	1,1,1-Trichloroethane	50.000	50.390	-0.8	81	0.00
33 S	1,2-Dichloroethane-d4	50.000	50.848	-1.7	83	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	84	0.00
35 S	Dibromofluoromethane	50.000	50.756	-1.5	86	0.00
36 T	1,1-Dichloropropene	50.000	47.310	5.4	79	0.00
37 T	Ethyl Acetate	50.000	44.270	11.5	72	-0.01
38 T	Carbon Tetrachloride	50.000	47.152	5.7	79	0.00
39 T	Methylcyclohexane	50.000	46.054	7.9	75	0.00
40 TM	Benzene	50.000	50.209	-0.4	82	0.00
41 T	Methacrylonitrile	50.000	42.554	14.9	74	-0.01
42 TM	1,2-Dichloroethane	50.000	47.982	4.0	79	0.00
43 T	Isopropyl Acetate	50.000	44.329	11.3	71	0.00
44 TM	Trichloroethene	50.000	48.373	3.3	78	0.00
45 C	1,2-Dichloropropane	50.000	49.870	0.3#	82	0.00
46 T	Dibromomethane	50.000	46.483	7.0	77	0.00
47 T	Bromodichloromethane	50.000	48.678	2.6	80	0.00
48 T	Methyl methacrylate	50.000	45.395	9.2	71	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	1000.000	846.348	15.4	69	-0.01
50 S	Toluene-d8	50.000	51.334	-2.7	86	0.00
51 T	4-Methyl-2-Pentanone	250.000	225.585	9.8	71	0.00
52 CM	Toluene	50.000	49.669	0.7#	81	0.00
53 T	t-1,3-Dichloropropene	50.000	46.247	7.5	76	0.00
54 T	cis-1,3-Dichloropropene	50.000	47.570	4.9	78	0.00
55 T	1,1,2-Trichloroethane	50.000	47.318	5.4	77	0.00
56 T	Ethyl methacrylate	50.000	44.670	10.7	70	0.00
57 T	1,3-Dichloropropane	50.000	47.767	4.5	78	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	229.646	8.1	78	0.00
59 T	2-Hexanone	250.000	213.709	14.5	68	0.00
60 T	Dibromochloromethane	50.000	46.600	6.8	75	0.00
61 T	1,2-Dibromoethane	50.000	46.946	6.1	76	0.00
62 S	4-Bromofluorobenzene	50.000	49.817	0.4	85	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	85	0.00
64 T	Tetrachloroethene	50.000	49.159	1.7	77	0.00
65 PM	Chlorobenzene	50.000	48.540	2.9	81	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	47.990	4.0	79	0.00
67 C	Ethyl Benzene	50.000	49.731	0.5#	81	0.00
68 T	m/p-Xylenes	100.000	98.686	1.3	80	0.00
69 T	o-Xylene	50.000	49.277	1.4	80	0.00
70 T	Styrene	50.000	49.572	0.9	80	0.00
71 P	Bromoform	50.000	44.146	11.7	73	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	81	0.00
73 T	Isopropylbenzene	50.000	49.846	0.3	79	0.00
74 T	N-amyl acetate	50.000	41.497	17.0	62	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	44.281	11.4	76	0.00
76 T	1,2,3-Trichloropropane	50.000	40.846	18.3	67	0.00
77 T	Bromobenzene	50.000	48.115	3.8	77	0.00
78 T	n-propylbenzene	50.000	49.700	0.6	79	0.00
79 T	2-Chlorotoluene	50.000	49.938	0.1	80	0.00
80 T	1,3,5-Trimethylbenzene	50.000	49.731	0.5	79	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	42.110	15.8	70	0.00
82 T	4-Chlorotoluene	50.000	48.874	2.3	78	0.00
83 T	tert-Butylbenzene	50.000	50.294	-0.6	79	0.00
84 T	1,2,4-Trimethylbenzene	50.000	50.378	-0.8	79	0.00
85 T	sec-Butylbenzene	50.000	49.434	1.1	78	0.00
86 T	p-Isopropyltoluene	50.000	48.690	2.6	76	0.00
87 T	1,3-Dichlorobenzene	50.000	48.286	3.4	77	0.00
88 T	1,4-Dichlorobenzene	50.000	47.935	4.1	77	0.00
89 T	n-Butylbenzene	50.000	47.970	4.1	76	0.00
90 T	Hexachloroethane	50.000	49.031	1.9	78	0.00
91 T	1,2-Dichlorobenzene	50.000	46.958	6.1	76	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	41.450	17.1	66	0.00
93 T	1,2,4-Trichlorobenzene	50.000	42.029	15.9	68	0.00
94 T	Hexachlorobutadiene	50.000	42.823	14.4	71	0.00
95 T	Naphthalene	50.000	41.807	16.4	64	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	42.274	15.5	68	0.00

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