

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY090325\
 Data File : VY023276.D
 Acq On : 03 Sep 2025 15:18
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 LabSampleId :
 VSTDCCC050

Quant Time: Sep 04 01:18:14 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	89	0.00
2 T	Dichlorodifluoromethane	50.000	35.980	28.0#	75	0.00
3 P	Chloromethane	50.000	37.759	24.5	73	0.00
4 C	Vinyl Chloride	50.000	39.244	21.5#	75	0.01
5 T	Bromomethane	50.000	44.001	12.0	89	0.00
6 T	Chloroethane	50.000	42.452	15.1	80	0.01
7 T	Trichlorofluoromethane	50.000	42.638	14.7	81	0.00
8 T	Diethyl Ether	50.000	44.462	11.1	83	0.01
9 T	1,1,2-Trichlorotrifluoroeth	50.000	46.297	7.4	88	0.01
10 T	Methyl Iodide	50.000	50.347	-0.7	87	0.01
11 T	Tert butyl alcohol	250.000	247.358	1.1	91	0.01
12 CM	1,1-Dichloroethene	50.000	45.027	9.9#	84	0.01
13 T	Acrolein	250.000	40.835	83.7#	16	0.00
14 T	Allyl chloride	50.000	40.307	19.4	75	0.00
15 T	Acrylonitrile	250.000	229.323	8.3	83	0.01
16 T	Acetone	250.000	203.091	18.8	73	0.02
17 T	Carbon Disulfide	50.000	40.219	19.6	76	0.00
18 T	Methyl Acetate	50.000	44.544	10.9	76	0.01
19 T	Methyl tert-butyl Ether	50.000	45.662	8.7	82	0.01
20 T	Methylene Chloride	50.000	49.876	0.2	94	0.01
21 T	trans-1,2-Dichloroethene	50.000	46.275	7.5	86	0.02
22 T	Diisopropyl ether	50.000	43.083	13.8	78	0.00
23 T	Vinyl Acetate	250.000	216.593	13.4	78	0.01
24 P	1,1-Dichloroethane	50.000	44.693	10.6	82	0.00
25 T	2-Butanone	250.000	213.803	14.5	76	0.01
26 T	2,2-Dichloropropane	50.000	44.207	11.6	81	0.00
27 T	cis-1,2-Dichloroethene	50.000	47.126	5.7	87	0.01
28 T	Bromochloromethane	50.000	45.954	8.1	84	0.00
29 T	Tetrahydrofuran	250.000	221.283	11.5	79	0.01
30 C	Chloroform	50.000	47.254	5.5#	87	0.00
31 T	Cyclohexane	50.000	39.322	21.4	76	0.00
32 T	1,1,1-Trichloroethane	50.000	46.929	6.1	86	0.00
33 S	1,2-Dichloroethane-d4	50.000	44.415	11.2	82	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	86	0.00
35 S	Dibromofluoromethane	50.000	49.617	0.8	87	0.00
36 T	1,1-Dichloropropene	50.000	46.368	7.3	82	0.01
37 T	Ethyl Acetate	50.000	46.913	6.2	80	0.00
38 T	Carbon Tetrachloride	50.000	49.294	1.4	88	0.00
39 T	Methylcyclohexane	50.000	46.024	8.0	82	0.00
40 TM	Benzene	50.000	47.697	4.6	84	0.00
41 T	Methacrylonitrile	50.000	45.384	9.2	76	0.00
42 TM	1,2-Dichloroethane	50.000	47.009	6.0	83	0.00
43 T	Isopropyl Acetate	50.000	45.967	8.1	80	0.00
44 TM	Trichloroethene	50.000	50.977	-2.0	91	0.00
45 C	1,2-Dichloropropane	50.000	46.841	6.3#	82	0.00
46 T	Dibromomethane	50.000	50.745	-1.5	88	0.00
47 T	Bromodichloromethane	50.000	49.661	0.7	86	0.00
48 T	Methyl methacrylate	50.000	47.284	5.4	78	0.01

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	1000.000	958.559	4.1	82	0.00
50 S	Toluene-d8	50.000	47.955	4.1	84	0.00
51 T	4-Methyl-2-Pentanone	250.000	242.106	3.2	81	0.00
52 CM	Toluene	50.000	48.955	2.1#	85	0.00
53 T	t-1,3-Dichloropropene	50.000	47.674	4.7	82	0.00
54 T	cis-1,3-Dichloropropene	50.000	47.607	4.8	82	0.00
55 T	1,1,2-Trichloroethane	50.000	50.937	-1.9	89	0.00
56 T	Ethyl methacrylate	50.000	50.310	-0.6	84	0.00
57 T	1,3-Dichloropropane	50.000	49.210	1.6	86	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	246.771	1.3	80	0.00
59 T	2-Hexanone	250.000	236.785	5.3	79	0.00
60 T	Dibromochloromethane	50.000	52.989	-6.0	91	0.00
61 T	1,2-Dibromoethane	50.000	51.642	-3.3	89	0.01
62 S	4-Bromofluorobenzene	50.000	49.617	0.8	86	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	87	0.00
64 T	Tetrachloroethene	50.000	56.117	-12.2	101	0.00
65 PM	Chlorobenzene	50.000	49.095	1.8	88	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	50.945	-1.9	90	0.00
67 C	Ethyl Benzene	50.000	48.165	3.7#	84	0.00
68 T	m/p-Xylenes	100.000	98.607	1.4	87	0.00
69 T	o-Xylene	50.000	49.666	0.7	86	0.00
70 T	Styrene	50.000	51.379	-2.8	89	0.00
71 P	Bromoform	50.000	54.526	-9.1	95	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	93	0.00
73 T	Isopropylbenzene	50.000	46.141	7.7	87	0.00
74 T	N-amyl acetate	50.000	42.786	14.4	78	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	44.916	10.2	86	0.00
76 T	1,2,3-Trichloropropane	50.000	50.031	-0.1	84	0.00
77 T	Bromobenzene	50.000	48.005	4.0	91	0.00
78 T	n-propylbenzene	50.000	45.934	8.1	85	0.00
79 T	2-Chlorotoluene	50.000	45.752	8.5	86	0.00
80 T	1,3,5-Trimethylbenzene	50.000	46.750	6.5	87	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	44.320	11.4	84	0.00
82 T	4-Chlorotoluene	50.000	45.408	9.2	86	0.00
83 T	tert-Butylbenzene	50.000	47.417	5.2	88	0.00
84 T	1,2,4-Trimethylbenzene	50.000	46.694	6.6	87	0.00
85 T	sec-Butylbenzene	50.000	46.625	6.8	87	0.00
86 T	p-Isopropyltoluene	50.000	47.959	4.1	89	0.00
87 T	1,3-Dichlorobenzene	50.000	48.310	3.4	93	0.00
88 T	1,4-Dichlorobenzene	50.000	47.789	4.4	92	0.00
89 T	n-Butylbenzene	50.000	46.097	7.8	85	0.00
90 T	Hexachloroethane	50.000	48.546	2.9	93	0.00
91 T	1,2-Dichlorobenzene	50.000	48.833	2.3	94	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	47.307	5.4	87	0.00
93 T	1,2,4-Trichlorobenzene	50.000	48.867	2.3	93	0.00
94 T	Hexachlorobutadiene	50.000	49.553	0.9	95	0.00
95 T	Naphthalene	50.000	50.596	-1.2	93	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	49.964	0.1	96	0.00

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