

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100225\
 Data File : VW032322.D
 Acq On : 02 Oct 2025 10:53
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Quant Time: Oct 02 21:32:42 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W100125S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 02 21:24:16 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	105	0.00
2 T	Dichlorodifluoromethane	50.000	41.871	16.3	105	0.00
3 P	Chloromethane	50.000	42.993	14.0	105	0.00
4 C	Vinyl Chloride	50.000	51.005	-2.0#	117	0.00
5 T	Bromomethane	50.000	46.995	6.0	110	0.00
6 T	Chloroethane	50.000	49.122	1.8	111	0.00
7 T	Trichlorofluoromethane	50.000	47.326	5.3	103	0.00
8 T	Diethyl Ether	50.000	48.847	2.3	112	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	49.957	0.1	117	-0.01
10 T	Methyl Iodide	50.000	50.610	-1.2	114	-0.01
11 T	Tert butyl alcohol	250.000	268.695	-7.5	127	-0.02
12 CM	1,1-Dichloroethene	50.000	51.373	-2.7#	117	0.00
13 T	Acrolein	250.000	227.904	8.8	107	0.00
14 T	Allyl chloride	50.000	50.934	-1.9	112	0.00
15 T	Acrylonitrile	250.000	243.584	2.6	107	-0.01
16 T	Acetone	250.000	250.804	-0.3	116	0.00
17 T	Carbon Disulfide	50.000	52.526	-5.1	118	0.00
18 T	Methyl Acetate	50.000	43.581	12.8	85	0.00
19 T	Methyl tert-butyl Ether	50.000	50.564	-1.1	110	0.00
20 T	Methylene Chloride	50.000	54.902	-9.8	121	-0.01
21 T	trans-1,2-Dichloroethene	50.000	50.025	-0.0	112	0.00
22 T	Diisopropyl ether	50.000	50.588	-1.2	111	0.00
23 T	Vinyl Acetate	250.000	258.478	-3.4	114	0.00
24 P	1,1-Dichloroethane	50.000	49.184	1.6	110	0.00
25 T	2-Butanone	250.000	240.342	3.9	106	0.00
26 T	2,2-Dichloropropane	50.000	54.021	-8.0	121	0.00
27 T	cis-1,2-Dichloroethene	50.000	49.547	0.9	109	0.00
28 T	Bromochloromethane	50.000	47.603	4.8	103	0.00
29 T	Tetrahydrofuran	250.000	241.927	3.2	103	0.00
30 C	Chloroform	50.000	49.561	0.9#	111	0.00
31 T	Cyclohexane	50.000	48.170	3.7	114	0.00
32 T	1,1,1-Trichloroethane	50.000	52.008	-4.0	116	0.00
33 S	1,2-Dichloroethane-d4	50.000	47.153	5.7	104	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	104	0.00
35 S	Dibromofluoromethane	50.000	48.524	3.0	107	0.00
36 T	1,1-Dichloropropene	50.000	51.816	-3.6	112	0.00
37 T	Ethyl Acetate	50.000	50.971	-1.9	111	0.00
38 T	Carbon Tetrachloride	50.000	52.930	-5.9	117	0.00
39 T	Methylcyclohexane	50.000	53.686	-7.4	118	0.00
40 TM	Benzene	50.000	49.816	0.4	110	0.00
41 T	Methacrylonitrile	50.000	49.150	1.7	102	0.00
42 TM	1,2-Dichloroethane	50.000	49.123	1.8	108	0.00
43 T	Isopropyl Acetate	50.000	51.041	-2.1	110	0.00
44 TM	Trichloroethene	50.000	48.781	2.4	109	0.00
45 C	1,2-Dichloropropane	50.000	49.511	1.0#	108	0.00
46 T	Dibromomethane	50.000	48.738	2.5	105	0.00
47 T	Bromodichloromethane	50.000	51.228	-2.5	111	0.00
48 T	Methyl methacrylate	50.000	50.390	-0.8	106	0.00

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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)

49 T	1,4-Dioxane	1000.000	966.470	3.4	98	0.00
50 S	Toluene-d8	50.000	50.287	-0.6	104	0.00
51 T	4-Methyl-2-Pentanone	250.000	250.657	-0.3	104	0.00
52 CM	Toluene	50.000	51.305	-2.6#	111	0.00
53 T	t-1,3-Dichloropropene	50.000	51.454	-2.9	109	0.00
54 T	cis-1,3-Dichloropropene	50.000	52.076	-4.2	112	0.00
55 T	1,1,2-Trichloroethane	50.000	49.822	0.4	108	0.00
56 T	Ethyl methacrylate	50.000	52.141	-4.3	109	0.00
57 T	1,3-Dichloropropane	50.000	49.768	0.5	108	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	258.981	-3.6	97	0.00
59 T	2-Hexanone	250.000	253.986	-1.6	106	0.00
60 T	Dibromochloromethane	50.000	49.668	0.7	105	0.00
61 T	1,2-Dibromoethane	50.000	50.652	-1.3	109	0.00
62 S	4-Bromofluorobenzene	50.000	48.807	2.4	102	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	101	0.00
64 T	Tetrachloroethene	50.000	49.970	0.1	109	0.00
65 PM	Chlorobenzene	50.000	50.244	-0.5	109	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	51.684	-3.4	113	0.00
67 C	Ethyl Benzene	50.000	52.900	-5.8#	113	0.00
68 T	m/p-Xylenes	100.000	105.349	-5.3	113	0.00
69 T	o-Xylene	50.000	52.266	-4.5	110	0.00
70 T	Styrene	50.000	52.915	-5.8	110	0.00
71 P	Bromoform	50.000	49.554	0.9	105	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	103	0.00
73 T	Isopropylbenzene	50.000	53.633	-7.3	114	0.00
74 T	N-amyl acetate	50.000	53.025	-6.0	112	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	49.242	1.5	107	0.00
76 T	1,2,3-Trichloropropane	50.000	47.209	5.6	106	0.00
77 T	Bromobenzene	50.000	50.031	-0.1	104	0.00
78 T	n-propylbenzene	50.000	52.979	-6.0	114	0.00
79 T	2-Chlorotoluene	50.000	51.061	-2.1	109	0.00
80 T	1,3,5-Trimethylbenzene	50.000	51.876	-3.8	109	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	53.655	-7.3	107	0.00
82 T	4-Chlorotoluene	50.000	49.898	0.2	108	0.00
83 T	tert-Butylbenzene	50.000	53.908	-7.8	114	0.00
84 T	1,2,4-Trimethylbenzene	50.000	52.065	-4.1	109	0.00
85 T	sec-Butylbenzene	50.000	51.296	-2.6	110	0.00
86 T	p-Isopropyltoluene	50.000	52.706	-5.4	111	0.00
87 T	1,3-Dichlorobenzene	50.000	49.181	1.6	106	0.00
88 T	1,4-Dichlorobenzene	50.000	49.216	1.6	109	0.00
89 T	n-Butylbenzene	50.000	53.077	-6.2	114	0.00
90 T	Hexachloroethane	50.000	51.605	-3.2	113	0.00
91 T	1,2-Dichlorobenzene	50.000	49.794	0.4	111	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	48.727	2.5	102	0.00
93 T	1,2,4-Trichlorobenzene	50.000	50.984	-2.0	114	0.00
94 T	Hexachlorobutadiene	50.000	49.136	1.7	116	0.00
95 T	Naphthalene	50.000	52.882	-5.8	108	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	52.246	-4.5	113	0.00

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