

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW081425\
 Data File : VW032105.D
 Acq On : 14 Aug 2025 19:32
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_W
 LabSampleId :
 VSTDCCC050

Quant Time: Aug 18 03:58:13 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W081125S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 12 04:04:48 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	86	0.00
2 T	Dichlorodifluoromethane	50.000	44.771	10.5	82	0.00
3 P	Chloromethane	50.000	42.481	15.0	80	0.00
4 C	Vinyl Chloride	50.000	42.913	14.2#	81	0.00
5 T	Bromomethane	50.000	48.904	2.2	89	0.00
6 T	Chloroethane	50.000	46.574	6.9	84	0.00
7 T	Trichlorofluoromethane	50.000	51.784	-3.6	89	0.00
8 T	Diethyl Ether	50.000	51.265	-2.5	88	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	49.330	1.3	90	0.00
10 T	Methyl Iodide	50.000	48.234	3.5	86	0.00
11 T	Tert butyl alcohol	250.000	206.356	17.5	66	0.00
12 CM	1,1-Dichloroethene	50.000	49.059	1.9#	89	0.00
13 T	Acrolein	250.000	126.071	49.6#	46	0.00
14 T	Allyl chloride	50.000	39.755	20.5	70	0.00
15 T	Acrylonitrile	250.000	229.148	8.3	75	0.00
16 T	Acetone	250.000	232.009	7.2	81	0.00
17 T	Carbon Disulfide	50.000	39.816	20.4	71	0.00
18 T	Methyl Acetate	50.000	53.076	-6.2	87	0.00
19 T	Methyl tert-butyl Ether	50.000	46.982	6.0	78	0.00
20 T	Methylene Chloride	50.000	41.890	16.2	82	0.00
21 T	trans-1,2-Dichloroethene	50.000	46.116	7.8	81	0.00
22 T	Diisopropyl ether	50.000	47.159	5.7	80	0.00
23 T	Vinyl Acetate	250.000	229.096	8.4	74	0.00
24 P	1,1-Dichloroethane	50.000	45.846	8.3	81	0.00
25 T	2-Butanone	250.000	234.553	6.2	75	0.00
26 T	2,2-Dichloropropane	50.000	39.077	21.8	69	0.00
27 T	cis-1,2-Dichloroethene	50.000	49.023	2.0	84	0.00
28 T	Bromochloromethane	50.000	51.150	-2.3	87	0.00
29 T	Tetrahydrofuran	250.000	239.596	4.2	75	0.00
30 C	Chloroform	50.000	50.525	-1.0#	88	0.00
31 T	Cyclohexane	50.000	38.784	22.4	71	0.00
32 T	1,1,1-Trichloroethane	50.000	46.176	7.6	83	0.00
33 S	1,2-Dichloroethane-d4	50.000	53.028	-6.1	92	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	84	0.00
35 S	Dibromofluoromethane	50.000	54.222	-8.4	90	0.00
36 T	1,1-Dichloropropene	50.000	48.076	3.8	78	0.00
37 T	Ethyl Acetate	50.000	50.898	-1.8	78	0.00
38 T	Carbon Tetrachloride	50.000	51.129	-2.3	84	0.00
39 T	Methylcyclohexane	50.000	44.891	10.2	72	0.00
40 TM	Benzene	50.000	49.865	0.3	80	0.00
41 T	Methacrylonitrile	50.000	48.528	2.9	74	0.00
42 TM	1,2-Dichloroethane	50.000	54.726	-9.5	89	0.00
43 T	Isopropyl Acetate	50.000	50.564	-1.1	77	0.00
44 TM	Trichloroethene	50.000	50.915	-1.8	85	0.00
45 C	1,2-Dichloropropane	50.000	49.769	0.5#	81	0.00
46 T	Dibromomethane	50.000	53.105	-6.2	86	0.00
47 T	Bromodichloromethane	50.000	53.359	-6.7	85	0.00
48 T	Methyl methacrylate	50.000	50.886	-1.8	76	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	1041.083	-4.1	76	0.00
50 S	Toluene-d8	50.000	53.076	-6.2	85	0.00
51 T	4-Methyl-2-Pentanone	250.000	269.316	-7.7	80	0.00
52 CM	Toluene	50.000	51.219	-2.4#	82	0.00
53 T	t-1,3-Dichloropropene	50.000	48.849	2.3	76	0.00
54 T	cis-1,3-Dichloropropene	50.000	48.366	3.3	75	0.00
55 T	1,1,2-Trichloroethane	50.000	52.415	-4.8	84	0.00
56 T	Ethyl methacrylate	50.000	51.993	-4.0	78	0.00
57 T	1,3-Dichloropropane	50.000	50.807	-1.6	82	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	271.010	-8.4	82	0.00
59 T	2-Hexanone	250.000	270.484	-8.2	79	0.00
60 T	Dibromochloromethane	50.000	53.691	-7.4	86	0.00
61 T	1,2-Dibromoethane	50.000	53.107	-6.2	85	0.00
62 S	4-Bromofluorobenzene	50.000	50.684	-1.4	81	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	86	0.00
64 T	Tetrachloroethene	50.000	56.838	-13.7	102	0.00
65 PM	Chlorobenzene	50.000	49.157	1.7	86	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	53.648	-7.3	93	0.00
67 C	Ethyl Benzene	50.000	50.069	-0.1#	85	0.00
68 T	m/p-Xylenes	100.000	98.314	1.7	83	0.00
69 T	o-Xylene	50.000	50.609	-1.2	84	0.00
70 T	Styrene	50.000	51.563	-3.1	86	0.00
71 P	Bromoform	50.000	55.047	-10.1	89	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	93	0.00
73 T	Isopropylbenzene	50.000	46.544	6.9	83	0.00
74 T	N-amyl acetate	50.000	47.086	5.8	79	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	47.526	4.9	84	0.00
76 T	1,2,3-Trichloropropane	50.000	42.291	15.4	69	0.00
77 T	Bromobenzene	50.000	47.862	4.3	85	0.00
78 T	n-propylbenzene	50.000	47.233	5.5	84	0.00
79 T	2-Chlorotoluene	50.000	46.044	7.9	83	0.00
80 T	1,3,5-Trimethylbenzene	50.000	46.706	6.6	83	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	39.765	20.5	67	0.00
82 T	4-Chlorotoluene	50.000	46.038	7.9	83	0.00
83 T	tert-Butylbenzene	50.000	49.066	1.9	87	0.00
84 T	1,2,4-Trimethylbenzene	50.000	47.371	5.3	83	0.00
85 T	sec-Butylbenzene	50.000	45.955	8.1	82	0.00
86 T	p-Isopropyltoluene	50.000	45.874	8.3	80	0.00
87 T	1,3-Dichlorobenzene	50.000	49.021	2.0	86	0.00
88 T	1,4-Dichlorobenzene	50.000	48.665	2.7	91	0.00
89 T	n-Butylbenzene	50.000	46.594	6.8	82	0.00
90 T	Hexachloroethane	50.000	46.262	7.5	86	0.00
91 T	1,2-Dichlorobenzene	50.000	48.837	2.3	89	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	44.641	10.7	77	0.00
93 T	1,2,4-Trichlorobenzene	50.000	48.861	2.3	89	0.00
94 T	Hexachlorobutadiene	50.000	50.817	-1.6	98	0.00
95 T	Naphthalene	50.000	47.200	5.6	79	0.00

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Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	50.054	-0.1	91	0.00

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