

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD111925\
 Data File : VD080546.D
 Acq On : 19 Nov 2025 13:01
 Operator : RP/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 LabSampleId :
 VSTDCCC050

Quant Time: Nov 20 04:06:09 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D111725S.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 18 00:45:54 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	46.627	6.7	83	0.00
3 P	Chloromethane	50.000	44.559	10.9	78	0.00
4 C	Vinyl Chloride	50.000	47.975	4.0#	84	0.00
5 T	Bromomethane	50.000	46.354	7.3	82	0.00
6 T	Chloroethane	50.000	49.165	1.7	86	0.00
7 T	Trichlorofluoromethane	50.000	49.229	1.5	86	0.00
8 T	Diethyl Ether	50.000	39.358	21.3	68	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	49.576	0.8	87	0.00
10 T	Methyl Iodide	50.000	50.702	-1.4	79	0.00
11 T	Tert butyl alcohol	250.000	190.173	23.9	63	-0.02
12 CM	1,1-Dichloroethene	50.000	46.392	7.2#	80	0.00
13 T	Acrolein	250.000	153.883	38.4#	61	0.00
14 T	Allyl chloride	50.000	41.271	17.5	71	0.00
15 T	Acrylonitrile	250.000	195.580	21.8	65	0.00
16 T	Acetone	250.000	189.014	24.4	64	0.00
17 T	Carbon Disulfide	50.000	44.791	10.4	78	0.00
18 T	Methyl Acetate	50.000	37.754	24.5	63	0.00
19 T	Methyl tert-butyl Ether	50.000	41.428	17.1	69	0.00
20 T	Methylene Chloride	50.000	42.729	14.5	74	0.00
21 T	trans-1,2-Dichloroethene	50.000	46.299	7.4	80	0.00
22 T	Diisopropyl ether	50.000	40.559	18.9	68	0.00
23 T	Vinyl Acetate	250.000	199.153	20.3	66	0.00
24 P	1,1-Dichloroethane	50.000	44.496	11.0	76	0.00
25 T	2-Butanone	250.000	185.472	25.8#	61	0.00
26 T	2,2-Dichloropropane	50.000	46.860	6.3	81	0.00
27 T	cis-1,2-Dichloroethene	50.000	44.496	11.0	77	0.00
28 T	Bromochloromethane	50.000	41.616	16.8	72	0.00
29 T	Tetrahydrofuran	250.000	182.915	26.8#	60	0.00
30 C	Chloroform	50.000	45.953	8.1#	78	0.00
31 T	Cyclohexane	50.000	43.767	12.5	80	0.00
32 T	1,1,1-Trichloroethane	50.000	48.362	3.3	83	0.00
33 S	1,2-Dichloroethane-d4	50.000	43.871	12.3	77	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	80	0.00
35 S	Dibromofluoromethane	50.000	48.408	3.2	80	0.00
36 T	1,1-Dichloropropene	50.000	50.643	-1.3	81	0.00
37 T	Ethyl Acetate	50.000	39.962	20.1	62	0.00
38 T	Carbon Tetrachloride	50.000	53.318	-6.6	85	0.00
39 T	Methylcyclohexane	50.000	51.211	-2.4	82	0.00
40 TM	Benzene	50.000	48.078	3.8	76	0.00
41 T	Methacrylonitrile	50.000	40.001	20.0	67	0.00
42 TM	1,2-Dichloroethane	50.000	46.428	7.1	73	0.00
43 T	Isopropyl Acetate	50.000	40.564	18.9	62	0.00
44 TM	Trichloroethene	50.000	50.299	-0.6	80	0.00
45 C	1,2-Dichloropropane	50.000	45.947	8.1#	73	0.00
46 T	Dibromomethane	50.000	45.978	8.0	72	0.00
47 T	Bromodichloromethane	50.000	48.171	3.7	74	0.00
48 T	Methyl methacrylate	50.000	41.861	16.3	65	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	1000.000	866.133	13.4	68	0.00
50 S	Toluene-d8	50.000	49.164	1.7	81	0.00
51 T	4-Methyl-2-Pentanone	250.000	203.193	18.7	62	0.00
52 CM	Toluene	50.000	48.834	2.3#	77	0.00
53 T	t-1,3-Dichloropropene	50.000	45.743	8.5	71	0.00
54 T	cis-1,3-Dichloropropene	50.000	46.572	6.9	73	0.00
55 T	1,1,2-Trichloroethane	50.000	44.812	10.4	70	0.00
56 T	Ethyl methacrylate	50.000	42.769	14.5	65	0.00
57 T	1,3-Dichloropropane	50.000	45.039	9.9	70	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	230.844	7.7	70	0.00
59 T	2-Hexanone	250.000	200.157	19.9	62	0.00
60 T	Dibromochloromethane	50.000	45.885	8.2	71	0.00
61 T	1,2-Dibromoethane	50.000	45.452	9.1	70	0.00
62 S	4-Bromofluorobenzene	50.000	46.744	6.5	79	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	79	0.00
64 T	Tetrachloroethene	50.000	52.309	-4.6	83	0.00
65 PM	Chlorobenzene	50.000	49.702	0.6	77	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	50.730	-1.5	78	0.00
67 C	Ethyl Benzene	50.000	50.865	-1.7#	80	0.00
68 T	m/p-Xylenes	100.000	103.605	-3.6	81	0.00
69 T	o-Xylene	50.000	49.959	0.1	78	0.00
70 T	Styrene	50.000	49.900	0.2	77	0.00
71 P	Bromoform	50.000	48.259	3.5	72	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	79	0.00
73 T	Isopropylbenzene	50.000	51.699	-3.4	82	0.00
74 T	N-ethyl acetate	50.000	39.399	21.2	59	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	42.983	14.0	65	0.00
76 T	1,2,3-Trichloropropane	50.000	53.427	-6.9	95	0.00
77 T	Bromobenzene	50.000	49.527	0.9	77	0.00
78 T	n-propylbenzene	50.000	51.193	-2.4	81	0.00
79 T	2-Chlorotoluene	50.000	49.438	1.1	78	0.00
80 T	1,3,5-Trimethylbenzene	50.000	50.787	-1.6	81	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	40.107	19.8	63	0.00
82 T	4-Chlorotoluene	50.000	49.317	1.4	79	0.00
83 T	tert-Butylbenzene	50.000	51.002	-2.0	80	0.00
84 T	1,2,4-Trimethylbenzene	50.000	50.667	-1.3	80	0.00
85 T	sec-Butylbenzene	50.000	52.003	-4.0	84	0.00
86 T	p-Isopropyltoluene	50.000	52.756	-5.5	84	0.00
87 T	1,3-Dichlorobenzene	50.000	51.370	-2.7	80	0.00
88 T	1,4-Dichlorobenzene	50.000	50.401	-0.8	81	0.00
89 T	n-Butylbenzene	50.000	51.655	-3.3	82	0.00
90 T	Hexachloroethane	50.000	50.359	-0.7	81	0.00
91 T	1,2-Dichlorobenzene	50.000	48.771	2.5	77	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	39.347	21.3	64	0.00
93 T	1,2,4-Trichlorobenzene	50.000	48.025	4.0	77	0.00
94 T	Hexachlorobutadiene	50.000	53.542	-7.1	87	0.00
95 T	Naphthalene	50.000	43.927	12.1	68	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	47.106	5.8	76	0.00

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