

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082625\
 Data File : VW032146.D
 Acq On : 26 Aug 2025 13:55
 Operator : SY/MD
 Sample : VSTDICV050
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW082625

Quant Time: Aug 27 04:20:10 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W082625S.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 27 04:13:40 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	114	0.00
2 T	Dichlorodifluoromethane	50.000	45.493	9.0	109	0.00
3 P	Chloromethane	50.000	45.600	8.8	106	0.00
4 C	Vinyl Chloride	50.000	46.293	7.4#	107	0.00
5 T	Bromomethane	50.000	43.886	12.2	107	0.00
6 T	Chloroethane	50.000	45.145	9.7	102	0.00
7 T	Trichlorofluoromethane	50.000	45.452	9.1	96	0.00
8 T	Diethyl Ether	50.000	44.114	11.8	104	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	49.024	2.0	111	0.00
10 T	Methyl Iodide	50.000	46.309	7.4	107	0.00
11 T	Tert butyl alcohol	250.000	223.294	10.7	100	0.00
12 CM	1,1-Dichloroethene	50.000	48.515	3.0#	109	0.00
13 T	Acrolein	250.000	204.279	18.3	94	0.00
14 T	Allyl chloride	50.000	49.124	1.8	109	0.00
15 T	Acrylonitrile	250.000	233.915	6.4	105	0.00
16 T	Acetone	250.000	260.957	-4.4	117	0.00
17 T	Carbon Disulfide	50.000	48.692	2.6	108	0.00
18 T	Methyl Acetate	50.000	45.567	8.9	99	0.00
19 T	Methyl tert-butyl Ether	50.000	48.426	3.1	105	0.00
20 T	Methylene Chloride	50.000	47.403	5.2	107	-0.01
21 T	trans-1,2-Dichloroethene	50.000	47.921	4.2	106	0.00
22 T	Diisopropyl ether	50.000	49.029	1.9	106	0.00
23 T	Vinyl Acetate	250.000	244.903	2.0	105	0.00
24 P	1,1-Dichloroethane	50.000	46.223	7.6	102	0.00
25 T	2-Butanone	250.000	248.853	0.5	110	0.00
26 T	2,2-Dichloropropane	50.000	51.190	-2.4	108	0.00
27 T	cis-1,2-Dichloroethene	50.000	47.237	5.5	104	0.00
28 T	Bromochloromethane	50.000	44.789	10.4	103	0.00
29 T	Tetrahydrofuran	250.000	230.667	7.7	103	0.00
30 C	Chloroform	50.000	47.122	5.8#	105	0.00
31 T	Cyclohexane	50.000	46.650	6.7	108	0.00
32 T	1,1,1-Trichloroethane	50.000	48.756	2.5	108	0.00
33 S	1,2-Dichloroethane-d4	50.000	41.992	16.0	98	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	116	0.00
35 S	Dibromofluoromethane	50.000	43.264	13.5	98	0.00
36 T	1,1-Dichloropropene	50.000	50.360	-0.7	105	0.00
37 T	Ethyl Acetate	50.000	48.241	3.5	103	0.00
38 T	Carbon Tetrachloride	50.000	51.066	-2.1	106	0.00
39 T	Methylcyclohexane	50.000	54.492	-9.0	110	0.00
40 TM	Benzene	50.000	49.427	1.1	106	0.00
41 T	Methacrylonitrile	50.000	49.922	0.2	111	0.00
42 TM	1,2-Dichloroethane	50.000	48.444	3.1	105	0.00
43 T	Isopropyl Acetate	50.000	48.555	2.9	102	0.00
44 TM	Trichloroethene	50.000	50.438	-0.9	111	0.00
45 C	1,2-Dichloropropane	50.000	48.110	3.8#	102	0.00
46 T	Dibromomethane	50.000	47.269	5.5	105	0.00
47 T	Bromodichloromethane	50.000	48.496	3.0	102	0.00
48 T	Methyl methacrylate	50.000	49.232	1.5	99	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)

49 T	1,4-Dioxane	1000.000	1060.060	-6.0	113	0.00
50 S	Toluene-d8	50.000	45.510	9.0	98	0.00
51 T	4-Methyl-2-Pentanone	250.000	246.021	1.6	104	0.00
52 CM	Toluene	50.000	48.788	2.4#	103	0.00
53 T	t-1,3-Dichloropropene	50.000	51.459	-2.9	106	0.00
54 T	cis-1,3-Dichloropropene	50.000	50.066	-0.1	103	0.00
55 T	1,1,2-Trichloroethane	50.000	45.940	8.1	102	0.00
56 T	Ethyl methacrylate	50.000	51.392	-2.8	104	0.00
57 T	1,3-Dichloropropane	50.000	48.602	2.8	106	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	232.934	6.8	102	0.00
59 T	2-Hexanone	250.000	258.687	-3.5	108	0.00
60 T	Dibromochloromethane	50.000	49.161	1.7	103	0.00
61 T	1,2-Dibromoethane	50.000	48.223	3.6	102	0.00
62 S	4-Bromofluorobenzene	50.000	44.975	10.0	97	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	112	0.00
64 T	Tetrachloroethene	50.000	52.531	-5.1	110	0.00
65 PM	Chlorobenzene	50.000	48.501	3.0	104	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	50.593	-1.2	106	0.00
67 C	Ethyl Benzene	50.000	53.267	-6.5#	110	0.00
68 T	m/p-Xylenes	100.000	104.945	-4.9	106	0.00
69 T	o-Xylene	50.000	53.311	-6.6	108	0.00
70 T	Styrene	50.000	52.371	-4.7	106	0.00
71 P	Bromoform	50.000	50.601	-1.2	106	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	114	0.00
73 T	Isopropylbenzene	50.000	51.711	-3.4	106	0.00
74 T	N-ethyl acetate	50.000	50.061	-0.1	105	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	46.980	6.0	102	0.00
76 T	1,2,3-Trichloropropane	50.000	52.182	-4.4	117	0.00
77 T	Bromobenzene	50.000	49.609	0.8	103	0.00
78 T	n-propylbenzene	50.000	52.469	-4.9	108	0.00
79 T	2-Chlorotoluene	50.000	50.751	-1.5	106	0.00
80 T	1,3,5-Trimethylbenzene	50.000	53.066	-6.1	108	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	52.219	-4.4	107	0.00
82 T	4-Chlorotoluene	50.000	49.587	0.8	102	0.00
83 T	tert-Butylbenzene	50.000	53.512	-7.0	105	0.00
84 T	1,2,4-Trimethylbenzene	50.000	51.884	-3.8	105	0.00
85 T	sec-Butylbenzene	50.000	53.088	-6.2	107	0.00
86 T	p-Isopropyltoluene	50.000	52.722	-5.4	106	0.00
87 T	1,3-Dichlorobenzene	50.000	49.012	2.0	103	0.00
88 T	1,4-Dichlorobenzene	50.000	47.819	4.4	104	0.00
89 T	n-Butylbenzene	50.000	53.415	-6.8	108	0.00
90 T	Hexachloroethane	50.000	50.748	-1.5	108	0.00
91 T	1,2-Dichlorobenzene	50.000	47.762	4.5	108	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	47.585	4.8	106	0.00
93 T	1,2,4-Trichlorobenzene	50.000	48.833	2.3	101	0.00
94 T	Hexachlorobutadiene	50.000	46.448	7.1	94	0.00
95 T	Naphthalene	50.000	52.201	-4.4	108	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	50.408	-0.8	109	0.00

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