

Data Path : Z:\voasrv\HPCHEM1\MSVOA_R\Data\VR080525\
 Data File : VR026712.D
 Acq On : 5 Aug 2025 14:59
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5mL/MSVOA_R/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_R
 LabSampleId :
 VSTDCCC050

Quant Time: Aug 06 01:25:35 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_R\methods\82R080425W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 05 02:27:49 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	57	0.00
2 T	Dichlorodifluoromethane	50.000	44.064	11.9	51	0.00
3 P	Chloromethane	50.000	50.463	-0.9	60	0.00
4 C	Vinyl Chloride	50.000	55.648	-11.3#	67	0.00
5 T	Bromomethane	50.000	51.538	-3.1	61	-0.01
6 T	Chloroethane	50.000	53.443	-6.9	66	-0.01
7 T	Trichlorofluoromethane	50.000	61.593	-23.2	72	0.00
8 T	Diethyl Ether	50.000	47.849	4.3	55	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	44.808	10.4	52	0.00
10 T	Methyl Iodide	50.000	44.252	11.5	49	0.00
11 T	Tert butyl alcohol	250.000	268.803	-7.5	60	0.00
12 CM	1,1-Dichloroethene	50.000	45.086	9.8#	52	-0.02
13 T	Acrolein	250.000	237.938	4.8	54	0.00
14 T	Allyl chloride	50.000	53.352	-6.7	65	0.00
15 T	Acrylonitrile	250.000	284.020	-13.6	62	0.00
16 T	Acetone	250.000	290.648	-16.3	63	0.00
17 T	Carbon Disulfide	50.000	38.338	23.3	43	-0.01
18 T	Methyl Acetate	50.000	60.471	-20.9	68	0.00
19 T	Methyl tert-butyl Ether	50.000	48.480	3.0	55	-0.01
20 T	Methylene Chloride	50.000	46.413	7.2	55	-0.01
21 T	trans-1,2-Dichloroethene	50.000	45.931	8.1	53	-0.01
22 T	Diisopropyl ether	50.000	52.881	-5.8	60	-0.01
23 T	Vinyl Acetate	250.000	287.953	-15.2	65	-0.02
24 P	1,1-Dichloroethane	50.000	47.328	5.3	55	-0.02
25 T	2-Butanone	250.000	311.893	-24.8	68	-0.01
26 T	2,2-Dichloropropane	50.000	44.789	10.4	50	-0.02
27 T	cis-1,2-Dichloroethene	50.000	47.106	5.8	53	-0.02
28 T	Bromochloromethane	50.000	50.498	-1.0	63	0.00
29 C	Chloroform	50.000	50.118	-0.2#	57	-0.01
30 T	Cyclohexane	50.000	46.167	7.7	57	-0.02
31 T	1,1,1-Trichloroethane	50.000	49.288	1.4	55	-0.01
32 S	1,2-Dichloroethane-d4	50.000	53.742	-7.5	60	0.00
33 I	1,4-Difluorobenzene	50.000	50.000	0.0	57	0.00
34 S	Dibromofluoromethane	50.000	51.542	-3.1	57	-0.01
35 T	1,1-Dichloropropene	50.000	48.846	2.3	55	0.00
36 T	Ethyl Acetate	50.000	57.938	-15.9	65	0.00
37 T	Carbon Tetrachloride	50.000	48.684	2.6	54	0.00
38 T	Methylcyclohexane	50.000	48.334	3.3	55	-0.01
39 TM	Benzene	50.000	49.973	0.1	57	-0.01
40 T	Methacrylonitrile	50.000	58.944	-17.9	68	0.00
41 TM	1,2-Dichloroethane	50.000	52.309	-4.6	61	0.00
42 T	Isopropyl Acetate	50.000	57.000	-14.0	64	0.00
43 TM	Trichloroethene	50.000	50.242	-0.5	59	0.00
44 C	1,2-Dichloropropane	50.000	50.838	-1.7#	59	0.00
45 T	Dibromomethane	50.000	52.294	-4.6	62	-0.01
46 T	Bromodichloromethane	50.000	51.827	-3.7	58	-0.01
47 T	Methyl methacrylate	50.000	57.481	-15.0	63	0.00
48 T	1,4-Dioxane	1000.000	1224.346	-22.4	68	0.00

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

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 S	Toluene-d8	50.000	57.320	-14.6	63	0.00
50 T	4-Methyl-2-Pentanone	250.000	336.284	-34.5#	73	0.00
51 CM	Toluene	50.000	54.686	-9.4#	63	0.00
52 T	t-1,3-Dichloropropene	50.000	54.346	-8.7	60	0.00
53 T	cis-1,3-Dichloropropene	50.000	53.496	-7.0	59	0.00
54 T	1,1,2-Trichloroethane	50.000	57.207	-14.4	65	0.00
55 T	Ethyl methacrylate	50.000	59.531	-19.1	64	0.00
56 T	1,3-Dichloropropane	50.000	57.532	-15.1	65	0.00
57 T	2-Chloroethyl Vinyl ether	250.000	495.389	-98.2#	98	0.00
58 T	2-Hexanone	250.000	336.363	-34.5#	70	0.00
59 T	Dibromochloromethane	50.000	55.292	-10.6	61	-0.01
60 T	1,2-Dibromoethane	50.000	58.492	-17.0	66	0.00
61 S	4-Bromofluorobenzene	50.000	56.779	-13.6	63	0.00
62 I	Chlorobenzene-d5	50.000	50.000	0.0	61	0.00
63 T	Tetrachloroethene	50.000	50.719	-1.4	64	-0.01
64 PM	Chlorobenzene	50.000	50.601	-1.2	63	0.00
65 T	1,1,1,2-Tetrachloroethane	50.000	52.529	-5.1	61	0.00
66 C	Ethyl Benzene	50.000	51.271	-2.5#	62	0.00
67 T	m/p-Xylenes	100.000	104.460	-4.5	63	0.00
68 T	o-Xylene	50.000	52.149	-4.3	63	0.00
69 T	Styrene	50.000	53.827	-7.7	65	0.00
70 P	Bromoform	50.000	55.042	-10.1	62	0.00
71 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	63	0.00
72 T	Isopropylbenzene	50.000	50.280	-0.6	64	0.00
73 T	N-amyl acetate	50.000	53.564	-7.1	66	0.00
74 P	1,1,2,2-Tetrachloroethane	50.000	54.567	-9.1	69	0.00
75 T	1,2,3-Trichloropropane	50.000	51.170	-2.3	65	0.00
76 T	Bromobenzene	50.000	49.602	0.8	64	0.00
77 T	n-propylbenzene	50.000	50.342	-0.7	63	0.00
78 T	2-Chlorotoluene	50.000	48.909	2.2	63	0.00
79 T	1,3,5-Trimethylbenzene	50.000	49.931	0.1	63	0.00
80 T	trans-1,4-Dichloro-2-butene	50.000	53.087	-6.2	61	-0.01
81 T	4-Chlorotoluene	50.000	47.542	4.9	62	0.00
82 T	tert-Butylbenzene	50.000	51.088	-2.2	64	0.00
83 T	1,2,4-Trimethylbenzene	50.000	50.831	-1.7	62	0.00
84 T	sec-Butylbenzene	50.000	51.262	-2.5	63	-0.01
85 T	p-Isopropyltoluene	50.000	51.697	-3.4	62	0.00
86 T	1,3-Dichlorobenzene	50.000	50.357	-0.7	63	0.00
87 T	1,4-Dichlorobenzene	50.000	50.818	-1.6	65	0.00
88 T	n-Butylbenzene	50.000	50.973	-1.9	62	0.00
89 T	Hexachloroethane	50.000	47.736	4.5	58	-0.02
90 T	1,2-Dichlorobenzene	50.000	51.043	-2.1	66	0.00
91 T	1,2-Dibromo-3-Chloropropane	50.000	54.507	-9.0	70	0.00
92 T	1,2,4-Trichlorobenzene	50.000	49.892	0.2	65	-0.01
93 T	Hexachlorobutadiene	50.000	47.484	5.0	64	-0.02
94 T	Naphthalene	50.000	54.371	-8.7	68	-0.01
95 T	1,2,3-Trichlorobenzene	50.000	51.208	-2.4	64	0.00

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Compound	Amount	Calc.	%Dev	Area%	Dev(min)
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(#) = Out of Range SPCC's out = 0 CCC's out = 6