

Data Path : Z:\voasrv\HPCHEM1\MSVOA_R\Data\VR081125\
 Data File : VR026732.D
 Acq On : 11 Aug 2025 9:27
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5mL/MSVOA_R/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_R
 LabSampleId :
 VSTDCCC050

Quant Time: Aug 12 02:45:36 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	54	0.00
2 T	Dichlorodifluoromethane	50.000	46.492	7.0	51	0.00
3 P	Chloromethane	50.000	47.662	4.7	54	0.00
4 C	Vinyl Chloride	50.000	53.668	-7.3#	62	0.00
5 T	Bromomethane	50.000	56.913	-13.8	64	0.00
6 T	Chloroethane	50.000	50.402	-0.8	60	-0.01
7 T	Trichlorofluoromethane	50.000	63.305	-26.6#	71	-0.01
8 T	Diethyl Ether	50.000	45.501	9.0	50	-0.02
9 T	1,1,2-Trichlorotrifluoroeth	50.000	48.163	3.7	53	0.00
10 T	Methyl Iodide	50.000	45.545	8.9	48	0.00
11 T	Tert butyl alcohol	250.000	206.172	17.5	44	-0.02
12 CM	1,1-Dichloroethene	50.000	45.726	8.5#	50	-0.02
13 T	Acrolein	250.000	192.090	23.2	41	0.00
14 T	Allyl chloride	50.000	47.819	4.4	56	-0.02
15 T	Acrylonitrile	250.000	248.853	0.5	52	-0.02
16 T	Acetone	250.000	285.432	-14.2	59	-0.01
17 T	Carbon Disulfide	50.000	43.691	12.6	47	-0.01
18 T	Methyl Acetate	50.000	55.192	-10.4	59	0.00
19 T	Methyl tert-butyl Ether	50.000	46.219	7.6	50	-0.02
20 T	Methylene Chloride	50.000	44.869	10.3	51	-0.01
21 T	trans-1,2-Dichloroethene	50.000	44.290	11.4	49	-0.02
22 T	Diisopropyl ether	50.000	47.809	4.4	52	-0.01
23 T	Vinyl Acetate	250.000	255.667	-2.3	55	-0.02
24 P	1,1-Dichloroethane	50.000	45.252	9.5	51	-0.02
25 T	2-Butanone	250.000	273.787	-9.5	57	-0.01
26 T	2,2-Dichloropropane	50.000	45.676	8.6	49	-0.01
27 T	cis-1,2-Dichloroethene	50.000	46.479	7.0	50	-0.02
28 T	Bromochloromethane	50.000	41.382	17.2	49	-0.02
29 C	Chloroform	50.000	50.195	-0.4#	54	-0.01
30 T	Cyclohexane	50.000	42.266	15.5	50	-0.02
31 T	1,1,1-Trichloroethane	50.000	50.727	-1.5	54	-0.01
32 S	1,2-Dichloroethane-d4	50.000	49.010	2.0	52	-0.02
33 I	1,4-Difluorobenzene	50.000	50.000	0.0	53	0.00
34 S	Dibromofluoromethane	50.000	50.112	-0.2	51	0.00
35 T	1,1-Dichloropropene	50.000	51.152	-2.3	53	-0.02
36 T	Ethyl Acetate	50.000	51.046	-2.1	53	-0.02
37 T	Carbon Tetrachloride	50.000	53.056	-6.1	55	-0.01
38 T	Methylcyclohexane	50.000	50.699	-1.4	53	0.00
39 TM	Benzene	50.000	51.099	-2.2	54	-0.01
40 T	Methacrylonitrile	50.000	53.496	-7.0	57	0.00
41 TM	1,2-Dichloroethane	50.000	51.563	-3.1	56	-0.01
42 T	Isopropyl Acetate	50.000	52.116	-4.2	54	-0.01
43 TM	Trichloroethene	50.000	51.735	-3.5	56	-0.01
44 C	1,2-Dichloropropane	50.000	52.619	-5.2#	57	-0.01
45 T	Dibromomethane	50.000	54.908	-9.8	60	0.00
46 T	Bromodichloromethane	50.000	57.790	-15.6	60	-0.01
47 T	Methyl methacrylate	50.000	56.552	-13.1	57	0.00
48 T	1,4-Dioxane	1000.000	1231.537	-23.2	63	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 S	Toluene-d8	50.000	53.800	-7.6	55	0.00
50 T	4-Methyl-2-Pentanone	250.000	314.012	-25.6#	63	0.00
51 CM	Toluene	50.000	56.858	-13.7#	60	0.00
52 T	t-1,3-Dichloropropene	50.000	55.798	-11.6	56	0.00
53 T	cis-1,3-Dichloropropene	50.000	54.558	-9.1	55	0.00
54 T	1,1,2-Trichloroethane	50.000	60.337	-20.7	63	0.00
55 T	Ethyl methacrylate	50.000	58.987	-18.0	58	0.00
56 T	1,3-Dichloropropane	50.000	57.418	-14.8	60	0.00
57 T	2-Chloroethyl Vinyl ether	250.000	364.000	-45.6#	66	0.00
58 T	2-Hexanone	250.000	324.896	-30.0#	62	0.00
59 T	Dibromochloromethane	50.000	63.458	-26.9#	64	0.00
60 T	1,2-Dibromoethane	50.000	60.073	-20.1	63	0.00
61 S	4-Bromofluorobenzene	50.000	54.398	-8.8	56	0.00
62 I	Chlorobenzene-d5	50.000	50.000	0.0	59	0.00
63 T	Tetrachloroethene	50.000	52.067	-4.1	62	0.00
64 PM	Chlorobenzene	50.000	52.362	-4.7	62	0.00
65 T	1,1,1,2-Tetrachloroethane	50.000	55.529	-11.1	62	0.00
66 C	Ethyl Benzene	50.000	53.498	-7.0#	62	0.00
67 T	m/p-Xylenes	100.000	104.650	-4.7	61	0.00
68 T	o-Xylene	50.000	52.958	-5.9	61	0.00
69 T	Styrene	50.000	54.098	-8.2	62	0.00
70 P	Bromoform	50.000	63.027	-26.1#	67	0.00
71 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	60	0.00
72 T	Isopropylbenzene	50.000	52.281	-4.6	63	0.00
73 T	N-amyl acetate	50.000	53.274	-6.5	62	0.00
74 P	1,1,2,2-Tetrachloroethane	50.000	53.945	-7.9	65	0.00
75 T	1,2,3-Trichloropropane	50.000	53.334	-6.7	65	0.00
76 T	Bromobenzene	50.000	52.750	-5.5	65	0.00
77 T	n-propylbenzene	50.000	53.321	-6.6	64	0.00
78 T	2-Chlorotoluene	50.000	50.212	-0.4	62	0.00
79 T	1,3,5-Trimethylbenzene	50.000	53.491	-7.0	64	0.00
80 T	trans-1,4-Dichloro-2-butene	50.000	51.669	-3.3	56	0.00
81 T	4-Chlorotoluene	50.000	51.191	-2.4	63	0.00
82 T	tert-Butylbenzene	50.000	54.286	-8.6	65	0.00
83 T	1,2,4-Trimethylbenzene	50.000	54.673	-9.3	63	0.00
84 T	sec-Butylbenzene	50.000	54.054	-8.1	63	0.00
85 T	p-Isopropyltoluene	50.000	55.993	-12.0	64	0.00
86 T	1,3-Dichlorobenzene	50.000	55.122	-10.2	65	0.00
87 T	1,4-Dichlorobenzene	50.000	54.885	-9.8	67	0.00
88 T	n-Butylbenzene	50.000	55.641	-11.3	64	0.00
89 T	Hexachloroethane	50.000	55.310	-10.6	64	0.00
90 T	1,2-Dichlorobenzene	50.000	55.382	-10.8	68	0.00
91 T	1,2-Dibromo-3-Chloropropane	50.000	57.098	-14.2	70	0.00
92 T	1,2,4-Trichlorobenzene	50.000	58.830	-17.7	73	0.00
93 T	Hexachlorobutadiene	50.000	56.287	-12.6	73	0.00
94 T	Naphthalene	50.000	60.745	-21.5	73	0.00
95 T	1,2,3-Trichlorobenzene	50.000	59.823	-19.6	71	0.00

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