

Data Path : Z:\voasrv\HPCHEM1\MSVOA_R\Data\VR082125\
 Data File : VR026756.D
 Acq On : 21 Aug 2025 14:53
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5mL/MSVOA_R/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_R
 LabSampleId :
 VSTDCCC050

Quant Time: Aug 22 06:57:28 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_R\methods\82R082025W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 22 06:50:13 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	73	0.00
2 T	Dichlorodifluoromethane	50.000	43.941	12.1	65	0.00
3 P	Chloromethane	50.000	41.922	16.2	66	0.00
4 C	Vinyl Chloride	50.000	44.811	10.4#	72	0.00
5 T	Bromomethane	50.000	46.829	6.3	105	0.00
6 T	Chloroethane	50.000	50.748	-1.5	89	0.02
7 T	Trichlorofluoromethane	50.000	45.746	8.5	76	0.01
8 T	Diethyl Ether	50.000	53.908	-7.8	79	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	48.452	3.1	71	0.00
10 T	Methyl Iodide	50.000	55.046	-10.1	79	0.00
11 T	Tert butyl alcohol	250.000	206.555	17.4	55	0.00
12 CM	1,1-Dichloroethene	50.000	48.728	2.5#	69	0.01
13 T	Acrolein	250.000	190.731	23.7	66	0.00
14 T	Allyl chloride	50.000	49.765	0.5	71	0.01
15 T	Acrylonitrile	250.000	241.109	3.6	70	0.00
16 T	Acetone	250.000	213.990	14.4	66	0.00
17 T	Carbon Disulfide	50.000	51.045	-2.1	68	0.00
18 T	Methyl Acetate	50.000	46.828	6.3	69	0.00
19 T	Methyl tert-butyl Ether	50.000	54.910	-9.8	76	0.00
20 T	Methylene Chloride	50.000	51.953	-3.9	77	0.00
21 T	trans-1,2-Dichloroethene	50.000	50.143	-0.3	71	0.00
22 T	Diisopropyl ether	50.000	54.399	-8.8	79	0.00
23 T	Vinyl Acetate	250.000	245.879	1.6	85	0.00
24 P	1,1-Dichloroethane	50.000	50.794	-1.6	73	0.00
25 T	2-Butanone	250.000	233.812	6.5	69	0.00
26 T	2,2-Dichloropropane	50.000	53.239	-6.5	72	0.00
27 T	cis-1,2-Dichloroethene	50.000	53.801	-7.6	76	0.00
28 T	Bromochloromethane	50.000	49.146	1.7	76	0.00
29 C	Chloroform	50.000	53.264	-6.5#	76	0.00
30 T	Cyclohexane	50.000	46.965	6.1	71	0.00
31 T	1,1,1-Trichloroethane	50.000	51.738	-3.5	70	0.00
32 S	1,2-Dichloroethane-d4	50.000	51.717	-3.4	75	0.00
33 I	1,4-Difluorobenzene	50.000	50.000	0.0	75	0.00
34 S	Dibromofluoromethane	50.000	49.904	0.2	73	0.00
35 T	1,1-Dichloropropene	50.000	50.786	-1.6	71	0.00
36 T	Ethyl Acetate	50.000	48.127	3.7	69	0.00
37 T	Carbon Tetrachloride	50.000	51.559	-3.1	70	0.00
38 T	Methylcyclohexane	50.000	50.974	-1.9	74	0.00
39 TM	Benzene	50.000	54.276	-8.6	80	0.00
40 T	Methacrylonitrile	50.000	51.244	-2.5	76	0.00
41 TM	1,2-Dichloroethane	50.000	54.191	-8.4	79	0.00
42 T	Isopropyl Acetate	50.000	53.174	-6.3	75	0.00
43 TM	Trichloroethene	50.000	48.711	2.6	72	0.00
44 C	1,2-Dichloropropane	50.000	52.910	-5.8#	77	0.00
45 T	Dibromomethane	50.000	54.371	-8.7	78	0.00
46 T	Bromodichloromethane	50.000	55.614	-11.2	79	0.00
47 T	Methyl methacrylate	50.000	53.050	-6.1	73	0.00
48 T	1,4-Dioxane	1000.000	934.469	6.6	63	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 S	Toluene-d8	50.000	50.751	-1.5	76	0.00
50 T	4-Methyl-2-Pentanone	250.000	244.639	2.1	83	0.00
51 CM	Toluene	50.000	53.156	-6.3#	77	0.00
52 T	t-1,3-Dichloropropene	50.000	58.032	-16.1	77	0.00
53 T	cis-1,3-Dichloropropene	50.000	55.601	-11.2	76	0.00
54 T	1,1,2-Trichloroethane	50.000	52.350	-4.7	77	0.00
55 T	Ethyl methacrylate	50.000	54.536	-9.1	75	0.00
56 T	1,3-Dichloropropane	50.000	53.224	-6.4	77	0.00
57 T	2-Chloroethyl Vinyl ether	250.000	217.127	13.1	51	0.00
58 T	2-Hexanone	250.000	259.022	-3.6	76	0.00
59 T	Dibromochloromethane	50.000	54.782	-9.6	77	0.00
60 T	1,2-Dibromoethane	50.000	52.852	-5.7	76	0.00
61 S	4-Bromofluorobenzene	50.000	49.842	0.3	70	0.00
62 I	Chlorobenzene-d5	50.000	50.000	0.0	75	0.00
63 T	Tetrachloroethene	50.000	46.740	6.5	71	0.00
64 PM	Chlorobenzene	50.000	51.621	-3.2	76	0.00
65 T	1,1,1,2-Tetrachloroethane	50.000	52.675	-5.3	74	0.00
66 C	Ethyl Benzene	50.000	53.512	-7.0#	81	0.00
67 T	m/p-Xylenes	100.000	108.588	-8.6	77	0.00
68 T	o-Xylene	50.000	52.428	-4.9	74	0.00
69 T	Styrene	50.000	56.039	-12.1	76	0.00
70 P	Bromoform	50.000	53.990	-8.0	72	0.00
71 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	68	0.00
72 T	Isopropylbenzene	50.000	53.848	-7.7	79	0.00
73 T	N-amyl acetate	50.000	60.193	-20.4	69	0.00
74 P	1,1,2,2-Tetrachloroethane	50.000	52.317	-4.6	70	0.00
75 T	1,2,3-Trichloropropane	50.000	52.213	-4.4	71	0.00
76 T	Bromobenzene	50.000	52.337	-4.7	71	0.00
77 T	n-propylbenzene	50.000	54.087	-8.2	79	0.00
78 T	2-Chlorotoluene	50.000	54.181	-8.4	72	0.00
79 T	1,3,5-Trimethylbenzene	50.000	53.786	-7.6	73	0.00
80 T	trans-1,4-Dichloro-2-butene	50.000	58.687	-17.4	68	0.00
81 T	4-Chlorotoluene	50.000	55.204	-10.4	71	0.00
82 T	tert-Butylbenzene	50.000	52.677	-5.4	72	0.00
83 T	1,2,4-Trimethylbenzene	50.000	54.856	-9.7	70	0.00
84 T	sec-Butylbenzene	50.000	52.640	-5.3	73	0.00
85 T	p-Isopropyltoluene	50.000	52.321	-4.6	68	0.00
86 T	1,3-Dichlorobenzene	50.000	49.989	0.0	66	0.00
87 T	1,4-Dichlorobenzene	50.000	50.339	-0.7	68	0.00
88 T	n-Butylbenzene	50.000	51.252	-2.5	68	0.00
89 T	Hexachloroethane	50.000	49.654	0.7	62	0.00
90 T	1,2-Dichlorobenzene	50.000	50.862	-1.7	73	0.00
91 T	1,2-Dibromo-3-Chloropropane	50.000	50.710	-1.4	70	0.00
92 T	1,2,4-Trichlorobenzene	50.000	52.395	-4.8	74	0.00
93 T	Hexachlorobutadiene	50.000	54.755	-9.5	80	0.00
94 T	Naphthalene	50.000	48.966	2.1	65	0.00
95 T	1,2,3-Trichlorobenzene	50.000	53.998	-8.0	76	-0.50

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

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