

Data Path : Z:\voasrv\HPCHEM1\MSVOA_R\Data\VR102225\
 Data File : VR026788.D
 Acq On : 22 Oct 2025 16:32
 Operator : SY/MD
 Sample : VSTDICV050
 Misc : 5mL/MSVOA_R/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :
 ICVVR102225

Quant Time: Oct 24 09:29:25 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_R\methods\82R102225W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 24 09:26:03 2025
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 20% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1 I	Pentafluorobenzene	50.000	50.000	0.0	102	-0.01
2 T	Dichlorodifluoromethane	50.000	45.375	9.3	90	0.00
3 P	Chloromethane	50.000	49.070	1.9	97	0.00
4 C	Vinyl Chloride	50.000	49.150	1.7#	102	0.00
5 T	Bromomethane	50.000	43.930	12.1	106	0.00
6 T	Chloroethane	50.000	50.875	-1.8	96	0.00
7 T	Trichlorofluoromethane	50.000	47.042	5.9	99	0.00
8 T	Diethyl Ether	50.000	50.523	-1.0	102	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	49.567	0.9	99	0.00
10 T	Methyl Iodide	50.000	52.847	-5.7	94	0.00
11 T	Tert butyl alcohol	250.000	249.199	0.3	95	0.00
12 CM	1,1-Dichloroethene	50.000	49.334	1.3#	102	0.00
13 T	Acrolein	250.000	219.323	12.3	87	0.00
14 T	Allyl chloride	50.000	51.954	-3.9	100	0.00
15 T	Acrylonitrile	250.000	254.180	-1.7	97	0.00
16 T	Acetone	250.000	239.145	4.3	98	0.00
17 T	Carbon Disulfide	50.000	48.134	3.7	98	0.00
18 T	Methyl Acetate	50.000	52.970	-5.9	97	0.00
19 T	Methyl tert-butyl Ether	50.000	49.882	0.2	100	-0.01
20 T	Methylene Chloride	50.000	48.465	3.1	100	0.00
21 T	trans-1,2-Dichloroethene	50.000	48.031	3.9	98	0.00
22 T	Diisopropyl ether	50.000	50.429	-0.9	101	0.00
23 T	Vinyl Acetate	250.000	242.220	3.1	99	0.00
24 P	1,1-Dichloroethane	50.000	49.741	0.5	101	0.00
25 T	2-Butanone	250.000	229.220	8.3	97	0.00
26 T	2,2-Dichloropropane	50.000	49.114	1.8	99	-0.01
27 T	cis-1,2-Dichloroethene	50.000	49.711	0.6	103	0.00
28 T	Bromochloromethane	50.000	53.848	-7.7	100	0.00
29 T	Tetrahydrofuran	250.000	243.599	2.6	97	0.00
30 C	Chloroform	50.000	51.145	-2.3#	102	0.00
31 T	Cyclohexane	50.000	45.963	8.1	100	0.00
32 T	1,1,1-Trichloroethane	50.000	49.632	0.7	98	-0.01
33 S	1,2-Dichloroethane-d4	50.000	48.568	2.9	102	-0.01
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	103	0.00
35 S	Dibromofluoromethane	50.000	49.029	1.9	108	0.00
36 T	1,1-Dichloropropene	50.000	47.475	5.0	100	0.00
37 T	Ethyl Acetate	50.000	46.972	6.1	97	0.00
38 T	Carbon Tetrachloride	50.000	49.855	0.3	102	0.00
39 T	Methylcyclohexane	50.000	47.297	5.4	99	0.00
40 TM	Benzene	50.000	48.134	3.7	100	0.00
41 T	Methacrylonitrile	50.000	44.814	10.4	91	0.00
42 TM	1,2-Dichloroethane	50.000	47.911	4.2	95	0.00
43 T	Isopropyl Acetate	50.000	48.077	3.8	97	0.00
44 TM	Trichloroethene	50.000	47.106	5.8	99	0.00
45 C	1,2-Dichloropropane	50.000	47.837	4.3#	101	0.00
46 T	Dibromomethane	50.000	47.902	4.2	98	0.00
47 T	Bromodichloromethane	50.000	49.003	2.0	99	0.00
48 T	Methyl methacrylate	50.000	48.915	2.2	99	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	1000.000	993.604	0.6	98	0.00
50 S	Toluene-d8	50.000	46.570	6.9	103	0.00
51 T	4-Methyl-2-Pentanone	250.000	239.592	4.2	96	0.00
52 CM	Toluene	50.000	47.653	4.7#	100	0.00
53 T	t-1,3-Dichloropropene	50.000	48.898	2.2	98	0.00
54 T	cis-1,3-Dichloropropene	50.000	47.670	4.7	96	0.00
55 T	1,1,2-Trichloroethane	50.000	48.323	3.4	100	0.00
56 T	Ethyl methacrylate	50.000	47.764	4.5	98	0.00
57 T	1,3-Dichloropropane	50.000	48.581	2.8	101	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	238.239	4.7	95	0.00
59 T	2-Hexanone	250.000	232.682	6.9	94	0.00
60 T	Dibromochloromethane	50.000	49.440	1.1	101	0.00
61 T	1,2-Dibromoethane	50.000	46.320	7.4	97	0.00
62 S	4-Bromofluorobenzene	50.000	45.723	8.6	102	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	102	0.00
64 T	Tetrachloroethene	50.000	48.764	2.5	98	0.00
65 PM	Chlorobenzene	50.000	48.152	3.7	99	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	47.803	4.4	97	0.00
67 C	Ethyl Benzene	50.000	48.782	2.4#	99	0.00
68 T	m/p-Xylenes	100.000	97.138	2.9	98	0.00
69 T	o-Xylene	50.000	49.678	0.6	99	0.00
70 T	Styrene	50.000	49.238	1.5	99	0.00
71 P	Bromoform	50.000	48.309	3.4	94	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	96	0.00
73 T	Isopropylbenzene	50.000	50.419	-0.8	97	0.00
74 T	N-ethyl acetate	50.000	49.107	1.8	95	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	51.909	-3.8	96	0.00
76 T	1,2,3-Trichloropropane	50.000	49.887	0.2	89	0.00
77 T	Bromobenzene	50.000	50.643	-1.3	98	0.00
78 T	n-propylbenzene	50.000	50.974	-1.9	99	0.00
79 T	2-Chlorotoluene	50.000	50.761	-1.5	97	0.00
80 T	1,3,5-Trimethylbenzene	50.000	51.496	-3.0	99	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	51.193	-2.4	95	0.00
82 T	4-Chlorotoluene	50.000	51.207	-2.4	99	0.00
83 T	tert-Butylbenzene	50.000	48.782	2.4	96	0.00
84 T	1,2,4-Trimethylbenzene	50.000	50.932	-1.9	97	0.00
85 T	sec-Butylbenzene	50.000	51.741	-3.5	99	0.00
86 T	p-Isopropyltoluene	50.000	51.899	-3.8	99	0.00
87 T	1,3-Dichlorobenzene	50.000	49.353	1.3	96	0.00
88 T	1,4-Dichlorobenzene	50.000	49.861	0.3	97	0.00
89 T	n-Butylbenzene	50.000	53.516	-7.0	99	0.00
90 T	Hexachloroethane	50.000	52.279	-4.6	98	0.00
91 T	1,2-Dichlorobenzene	50.000	50.899	-1.8	96	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	52.466	-4.9	94	0.00
93 T	1,2,4-Trichlorobenzene	50.000	55.152	-10.3	95	0.00
94 T	Hexachlorobutadiene	50.000	53.037	-6.1	101	0.00
95 T	Naphthalene	50.000	57.497	-15.0	97	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	53.789	-7.6	93	-0.01

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