

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV071525\
 Data File : VV038890.D
 Acq On : 15 Jul 2025 08:54
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 LabSampleId :
 VSTDCCC050

Quant Time: Jul 16 03:05:31 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V071125W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 16 03:05:29 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	101	0.00
2 T	Dichlorodifluoromethane	50.000	42.708	14.6	98	0.00
3 P	Chloromethane	50.000	39.749	20.5#	96	0.00
4 C	Vinyl Chloride	50.000	42.926	14.1#	104	0.00
5 T	Bromomethane	50.000	41.398	17.2	102	0.00
6 T	Chloroethane	50.000	51.065	-2.1	106	0.00
7 T	Trichlorofluoromethane	50.000	45.850	8.3	103	0.00
8 T	Diethyl Ether	50.000	48.716	2.6	109	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	47.667	4.7	105	0.00
10 T	Methyl Iodide	50.000	49.302	1.4	101	0.00
11 T	Tert butyl alcohol	250.000	230.887	7.6	99	0.00
12 CM	1,1-Dichloroethene	50.000	44.018	12.0#	102	0.00
13 T	Acrolein	250.000	244.912	2.0	100	0.00
14 T	Allyl chloride	50.000	47.178	5.6	107	0.00
15 T	Acrylonitrile	250.000	242.163	3.1	107	0.00
16 T	Acetone	250.000	253.760	-1.5	105	0.00
17 T	Carbon Disulfide	50.000	45.854	8.3	94	0.00
18 T	Methyl Acetate	50.000	54.650	-9.3	109	0.00
19 T	Methyl tert-butyl Ether	50.000	49.011	2.0	106	0.00
20 T	Methylene Chloride	50.000	43.242	13.5	104	0.00
21 T	trans-1,2-Dichloroethene	50.000	42.522	15.0	100	0.00
22 T	Diisopropyl ether	50.000	52.380	-4.8	107	0.00
23 T	Vinyl Acetate	250.000	260.748	-4.3	107	0.00
24 P	1,1-Dichloroethane	50.000	47.351	5.3	104	0.00
25 T	2-Butanone	250.000	261.357	-4.5	105	0.00
26 T	2,2-Dichloropropane	50.000	49.077	1.8	105	0.00
27 T	cis-1,2-Dichloroethene	50.000	48.926	2.1	106	0.00
28 T	Bromochloromethane	50.000	51.718	-3.4	105	0.00
29 T	Tetrahydrofuran	250.000	257.516	-3.0	105	0.00
30 C	Chloroform	50.000	46.892	6.2#	103	0.00
31 T	Cyclohexane	50.000	44.118	11.8	102	0.00
32 T	1,1,1-Trichloroethane	50.000	46.645	6.7	104	0.00
33 S	1,2-Dichloroethane-d4	50.000	42.104	15.8	94	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	104	0.00
35 S	Dibromofluoromethane	50.000	44.778	10.4	97	0.00
36 T	1,1-Dichloropropene	50.000	49.173	1.7	101	0.00
37 T	Ethyl Acetate	50.000	51.363	-2.7	103	0.00
38 T	Carbon Tetrachloride	50.000	48.501	3.0	103	0.00
39 T	Methylcyclohexane	50.000	46.611	6.8	99	0.00
40 TM	Benzene	50.000	49.110	1.8	102	0.00
41 T	Methacrylonitrile	50.000	56.636	-13.3	106	0.00
42 TM	1,2-Dichloroethane	50.000	48.912	2.2	104	0.00
43 T	Isopropyl Acetate	50.000	51.759	-3.5	105	0.00
44 TM	Trichloroethene	50.000	46.994	6.0	103	0.00
45 C	1,2-Dichloropropane	50.000	51.152	-2.3#	106	0.00
46 T	Dibromomethane	50.000	49.001	2.0	103	0.00
47 T	Bromodichloromethane	50.000	50.718	-1.4	104	0.00
48 T	Methyl methacrylate	50.000	56.724	-13.4	107	0.00

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 Quant Title : SW846 8260
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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)
49 T	1,4-Dioxane	1000.000	880.190	12.0	83	0.00
50 S	Toluene-d8	50.000	43.680	12.6	93	0.00
51 T	4-Methyl-2-Pentanone	250.000	277.728	-11.1	106	0.00
52 CM	Toluene	50.000	52.143	-4.3#	104	0.00
53 T	t-1,3-Dichloropropene	50.000	53.645	-7.3	106	0.00
54 T	cis-1,3-Dichloropropene	50.000	52.363	-4.7	106	0.00
55 T	1,1,2-Trichloroethane	50.000	49.674	0.7	103	0.00
56 T	Ethyl methacrylate	50.000	58.508	-17.0	105	0.00
57 T	1,3-Dichloropropane	50.000	52.209	-4.4	105	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	262.899	-5.2	108	0.00
59 T	2-Hexanone	250.000	272.625	-9.0	104	0.00
60 T	Dibromochloromethane	50.000	51.764	-3.5	107	0.00
61 T	1,2-Dibromoethane	50.000	50.251	-0.5	104	0.00
62 S	4-Bromofluorobenzene	50.000	48.978	2.0	99	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	101	0.00
64 T	Tetrachloroethene	50.000	46.607	6.8	102	0.00
65 PM	Chlorobenzene	50.000	50.009	-0.0	103	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	49.928	0.1	104	0.00
67 C	Ethyl Benzene	50.000	55.666	-11.3#	104	0.00
68 T	m/p-Xylenes	100.000	115.007	-15.0	103	0.00
69 T	o-Xylene	50.000	57.274	-14.5	105	0.00
70 T	Styrene	50.000	60.425	-20.8#	106	0.00
71 P	Bromoform	50.000	53.673	-7.3	105	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	101	0.00
73 T	Isopropylbenzene	50.000	54.715	-9.4	104	0.00
74 T	N-amyl acetate	50.000	56.510	-13.0	106	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	48.480	3.0	104	0.00
76 T	1,2,3-Trichloropropane	50.000	50.010	-0.0	107	0.00
77 T	Bromobenzene	50.000	50.044	-0.1	102	0.00
78 T	n-propylbenzene	50.000	56.020	-12.0	106	0.00
79 T	2-Chlorotoluene	50.000	52.365	-4.7	104	0.00
80 T	1,3,5-Trimethylbenzene	50.000	55.743	-11.5	103	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	54.581	-9.2	110	0.00
82 T	4-Chlorotoluene	50.000	55.571	-11.1	105	0.00
83 T	tert-Butylbenzene	50.000	54.677	-9.4	105	0.00
84 T	1,2,4-Trimethylbenzene	50.000	57.159	-14.3	104	0.00
85 T	sec-Butylbenzene	50.000	56.273	-12.5	106	0.00
86 T	p-Isopropyltoluene	50.000	55.962	-11.9	105	0.00
87 T	1,3-Dichlorobenzene	50.000	50.868	-1.7	105	0.00
88 T	1,4-Dichlorobenzene	50.000	48.426	3.1	106	0.00
89 T	n-Butylbenzene	50.000	58.453	-16.9	107	0.00
90 T	Hexachloroethane	50.000	47.811	4.4	106	0.00
91 T	1,2-Dichlorobenzene	50.000	50.855	-1.7	105	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	47.039	5.9	98	0.00
93 T	1,2,4-Trichlorobenzene	50.000	57.443	-14.9	108	0.00
94 T	Hexachlorobutadiene	50.000	50.905	-1.8	107	0.00
95 T	Naphthalene	50.000	61.094	-22.2#	107	0.00

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Max. RRF Dev : 20% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	57.375	-14.8	105	0.00

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