

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV071625\
 Data File : VV038913.D
 Acq On : 16 Jul 2025 17:30
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_V
 LabSampleId :
 VSTDCCC050

Quant Time: Jul 17 06:22:13 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V071125W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 17 06:08:37 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	86	0.00
2 T	Dichlorodifluoromethane	50.000	40.535	18.9	79	0.00
3 P	Chloromethane	50.000	36.777	26.4#	75	0.00
4 C	Vinyl Chloride	50.000	41.041	17.9#	84	0.00
5 T	Bromomethane	50.000	41.241	17.5	86	0.00
6 T	Chloroethane	50.000	44.307	11.4	88	0.00
7 T	Trichlorofluoromethane	50.000	46.006	8.0	87	0.00
8 T	Diethyl Ether	50.000	49.151	1.7	94	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	47.488	5.0	89	0.00
10 T	Methyl Iodide	50.000	47.780	4.4	83	0.00
11 T	Tert butyl alcohol	250.000	300.481	-20.2#	110	0.00
12 CM	1,1-Dichloroethene	50.000	43.711	12.6#	86	0.00
13 T	Acrolein	250.000	255.572	-2.2	89	0.00
14 T	Allyl chloride	50.000	49.653	0.7	95	0.00
15 T	Acrylonitrile	250.000	277.989	-11.2	104	0.00
16 T	Acetone	250.000	308.093	-23.2#	108	0.00
17 T	Carbon Disulfide	50.000	32.434	35.1#	74	0.00
18 T	Methyl Acetate	50.000	65.546	-31.1#	111	0.00
19 T	Methyl tert-butyl Ether	50.000	53.151	-6.3	97	0.00
20 T	Methylene Chloride	50.000	44.652	10.7	91	0.00
21 T	trans-1,2-Dichloroethene	50.000	43.673	12.7	87	0.00
22 T	Diisopropyl ether	50.000	56.662	-13.3	98	0.00
23 T	Vinyl Acetate	250.000	271.384	-8.6	95	0.00
24 P	1,1-Dichloroethane	50.000	50.797	-1.6	95	0.00
25 T	2-Butanone	250.000	315.136	-26.1#	107	0.00
26 T	2,2-Dichloropropane	50.000	46.364	7.3	84	0.00
27 T	cis-1,2-Dichloroethene	50.000	50.707	-1.4	93	0.00
28 T	Bromochloromethane	50.000	57.870	-15.7	100	0.00
29 T	Tetrahydrofuran	250.000	305.174	-22.1#	105	0.00
30 C	Chloroform	50.000	51.500	-3.0#	96	0.00
31 T	Cyclohexane	50.000	43.807	12.4	86	0.00
32 T	1,1,1-Trichloroethane	50.000	50.195	-0.4	95	0.00
33 S	1,2-Dichloroethane-d4	50.000	47.152	5.7	90	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	92	0.00
35 S	Dibromofluoromethane	50.000	47.752	4.5	91	0.00
36 T	1,1-Dichloropropene	50.000	48.454	3.1	88	0.00
37 T	Ethyl Acetate	50.000	56.874	-13.7	101	0.00
38 T	Carbon Tetrachloride	50.000	47.561	4.9	89	0.00
39 T	Methylcyclohexane	50.000	44.369	11.3	83	0.00
40 TM	Benzene	50.000	49.854	0.3	91	0.00
41 T	Methacrylonitrile	50.000	60.520	-21.0#	100	0.00
42 TM	1,2-Dichloroethane	50.000	50.903	-1.8	96	0.00
43 T	Isopropyl Acetate	50.000	54.987	-10.0	98	0.00
44 TM	Trichloroethene	50.000	46.431	7.1	90	0.00
45 C	1,2-Dichloropropane	50.000	53.908	-7.8#	99	0.00
46 T	Dibromomethane	50.000	50.736	-1.5	94	0.00
47 T	Bromodichloromethane	50.000	53.377	-6.8	97	0.00
48 T	Methyl methacrylate	50.000	60.507	-21.0#	101	0.00

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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	1207.453	-20.7#	101	0.00
50 S	Toluene-d8	50.000	46.148	7.7	87	0.00
51 T	4-Methyl-2-Pentanone	250.000	309.406	-23.8#	104	0.00
52 CM	Toluene	50.000	52.779	-5.6#	93	0.00
53 T	t-1,3-Dichloropropene	50.000	53.947	-7.9	94	0.00
54 T	cis-1,3-Dichloropropene	50.000	52.637	-5.3	94	0.00
55 T	1,1,2-Trichloroethane	50.000	54.019	-8.0	99	0.00
56 T	Ethyl methacrylate	50.000	63.053	-26.1#	100	0.00
57 T	1,3-Dichloropropane	50.000	55.164	-10.3	98	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	326.785	-30.7#	97	0.00
59 T	2-Hexanone	250.000	311.308	-24.5#	105	0.00
60 T	Dibromochloromethane	50.000	53.801	-7.6	98	0.00
61 T	1,2-Dibromoethane	50.000	52.476	-5.0	96	0.00
62 S	4-Bromofluorobenzene	50.000	53.298	-6.6	95	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	94	0.00
64 T	Tetrachloroethene	50.000	45.076	9.8	91	0.00
65 PM	Chlorobenzene	50.000	49.381	1.2	94	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	50.032	-0.1	97	0.00
67 C	Ethyl Benzene	50.000	54.314	-8.6#	94	0.00
68 T	m/p-Xylenes	100.000	111.289	-11.3	93	0.00
69 T	o-Xylene	50.000	56.185	-12.4	96	0.00
70 T	Styrene	50.000	59.355	-18.7	96	0.00
71 P	Bromoform	50.000	52.806	-5.6	96	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	96	0.00
73 T	Isopropylbenzene	50.000	52.416	-4.8	95	0.00
74 T	N-ethyl acetate	50.000	55.387	-10.8	99	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	49.369	1.3	101	0.00
76 T	1,2,3-Trichloropropane	50.000	49.203	1.6	100	0.00
77 T	Bromobenzene	50.000	48.536	2.9	94	0.00
78 T	n-propylbenzene	50.000	53.007	-6.0	95	0.00
79 T	2-Chlorotoluene	50.000	50.465	-0.9	96	0.00
80 T	1,3,5-Trimethylbenzene	50.000	53.434	-6.9	94	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	51.389	-2.8	99	0.00
82 T	4-Chlorotoluene	50.000	53.403	-6.8	96	0.00
83 T	tert-Butylbenzene	50.000	52.409	-4.8	96	0.00
84 T	1,2,4-Trimethylbenzene	50.000	54.804	-9.6	95	0.00
85 T	sec-Butylbenzene	50.000	53.479	-7.0	96	0.00
86 T	p-Isopropyltoluene	50.000	53.266	-6.5	96	0.00
87 T	1,3-Dichlorobenzene	50.000	48.509	3.0	95	0.00
88 T	1,4-Dichlorobenzene	50.000	45.924	8.2	96	0.00
89 T	n-Butylbenzene	50.000	54.757	-9.5	96	0.00
90 T	Hexachloroethane	50.000	47.383	5.2	100	0.00
91 T	1,2-Dichlorobenzene	50.000	48.833	2.3	97	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	49.171	1.7	97	0.00
93 T	1,2,4-Trichlorobenzene	50.000	53.427	-6.9	96	0.00
94 T	Hexachlorobutadiene	50.000	48.291	3.4	97	0.00
95 T	Naphthalene	50.000	59.487	-19.0	100	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	54.517	-9.0	95	0.00

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