

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV071525\
 Data File : VV038899.D
 Acq On : 15 Jul 2025 13:44
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_V
 LabSampleId :
 VSTDCCC050

Quant Time: Jul 16 01:30:41 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V071125W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 16 01:18:54 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	92	0.00
2 T	Dichlorodifluoromethane	50.000	41.788	16.4	87	0.00
3 P	Chloromethane	50.000	38.312	23.4#	85	0.00
4 C	Vinyl Chloride	50.000	41.045	17.9#	91	0.00
5 T	Bromomethane	50.000	40.429	19.1	91	0.00
6 T	Chloroethane	50.000	43.245	13.5	92	0.00
7 T	Trichlorofluoromethane	50.000	46.036	7.9	94	0.00
8 T	Diethyl Ether	50.000	48.622	2.8	100	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	48.112	3.8	97	0.00
10 T	Methyl Iodide	50.000	46.551	6.9	87	0.00
11 T	Tert butyl alcohol	250.000	270.109	-8.0	106	0.00
12 CM	1,1-Dichloroethene	50.000	43.500	13.0#	92	0.00
13 T	Acrolein	250.000	240.287	3.9	90	0.00
14 T	Allyl chloride	50.000	48.032	3.9	99	0.00
15 T	Acrylonitrile	250.000	256.707	-2.7	103	0.00
16 T	Acetone	250.000	272.393	-9.0	103	0.00
17 T	Carbon Disulfide	50.000	33.758	32.5#	82	0.00
18 T	Methyl Acetate	50.000	58.264	-16.5	106	0.00
19 T	Methyl tert-butyl Ether	50.000	51.390	-2.8	101	0.00
20 T	Methylene Chloride	50.000	45.074	9.9	99	0.00
21 T	trans-1,2-Dichloroethene	50.000	42.859	14.3	92	0.00
22 T	Diisopropyl ether	50.000	54.613	-9.2	101	0.00
23 T	Vinyl Acetate	250.000	266.660	-6.7	100	0.00
24 P	1,1-Dichloroethane	50.000	49.055	1.9	98	0.00
25 T	2-Butanone	250.000	287.728	-15.1	105	0.00
26 T	2,2-Dichloropropane	50.000	50.682	-1.4	99	0.00
27 T	cis-1,2-Dichloroethene	50.000	49.759	0.5	99	0.00
28 T	Bromochloromethane	50.000	53.866	-7.7	100	0.00
29 T	Tetrahydrofuran	250.000	281.142	-12.5	104	0.00
30 C	Chloroform	50.000	49.395	1.2#	99	0.00
31 T	Cyclohexane	50.000	44.123	11.8	93	0.00
32 T	1,1,1-Trichloroethane	50.000	48.824	2.4	99	0.00
33 S	1,2-Dichloroethane-d4	50.000	45.360	9.3	93	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	96	0.00
35 S	Dibromofluoromethane	50.000	47.219	5.6	94	0.00
36 T	1,1-Dichloropropene	50.000	48.000	4.0	91	0.00
37 T	Ethyl Acetate	50.000	55.060	-10.1	102	0.00
38 T	Carbon Tetrachloride	50.000	50.360	-0.7	99	0.00
39 T	Methylcyclohexane	50.000	47.425	5.2	93	0.00
40 TM	Benzene	50.000	50.302	-0.6	96	0.00
41 T	Methacrylonitrile	50.000	59.021	-18.0	102	0.00
42 TM	1,2-Dichloroethane	50.000	50.428	-0.9	99	0.00
43 T	Isopropyl Acetate	50.000	54.823	-9.6	102	0.00
44 TM	Trichloroethene	50.000	47.806	4.4	97	0.00
45 C	1,2-Dichloropropane	50.000	51.485	-3.0#	98	0.00
46 T	Dibromomethane	50.000	52.060	-4.1	101	0.00
47 T	Bromodichloromethane	50.000	52.897	-5.8	100	0.00
48 T	Methyl methacrylate	50.000	59.133	-18.3	103	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	1161.980	-16.2	102	0.00
50 S	Toluene-d8	50.000	46.135	7.7	91	0.00
51 T	4-Methyl-2-Pentanone	250.000	294.595	-17.8	104	0.00
52 CM	Toluene	50.000	53.724	-7.4#	99	0.00
53 T	t-1,3-Dichloropropene	50.000	55.416	-10.8	101	0.00
54 T	cis-1,3-Dichloropropene	50.000	53.752	-7.5	100	0.00
55 T	1,1,2-Trichloroethane	50.000	52.159	-4.3	100	0.00
56 T	Ethyl methacrylate	50.000	61.969	-23.9#	103	0.00
57 T	1,3-Dichloropropane	50.000	54.676	-9.4	102	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	330.532	-32.2#	103	0.00
59 T	2-Hexanone	250.000	294.156	-17.7	104	0.00
60 T	Dibromochloromethane	50.000	53.124	-6.2	101	0.00
61 T	1,2-Dibromoethane	50.000	52.330	-4.7	100	0.00
62 S	4-Bromofluorobenzene	50.000	53.667	-7.3	100	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	98	0.00
64 T	Tetrachloroethene	50.000	45.168	9.7	96	0.00
65 PM	Chlorobenzene	50.000	49.759	0.5	99	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	49.995	0.0	101	0.00
67 C	Ethyl Benzene	50.000	54.287	-8.6#	98	0.00
68 T	m/p-Xylenes	100.000	112.965	-13.0	98	0.00
69 T	o-Xylene	50.000	56.430	-12.9	100	0.00
70 T	Styrene	50.000	59.049	-18.1	100	0.00
71 P	Bromoform	50.000	52.903	-5.8	101	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	99	0.00
73 T	Isopropylbenzene	50.000	53.323	-6.6	99	0.00
74 T	N-amyl acetate	50.000	55.876	-11.8	102	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	48.613	2.8	102	0.00
76 T	1,2,3-Trichloropropane	50.000	49.054	1.9	102	0.00
77 T	Bromobenzene	50.000	49.444	1.1	99	0.00
78 T	n-propylbenzene	50.000	54.549	-9.1	101	0.00
79 T	2-Chlorotoluene	50.000	51.650	-3.3	100	0.00
80 T	1,3,5-Trimethylbenzene	50.000	54.710	-9.4	99	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	52.889	-5.8	104	0.00
82 T	4-Chlorotoluene	50.000	54.984	-10.0	102	0.00
83 T	tert-Butylbenzene	50.000	54.131	-8.3	101	0.00
84 T	1,2,4-Trimethylbenzene	50.000	56.058	-12.1	100	0.00
85 T	sec-Butylbenzene	50.000	54.873	-9.7	101	0.00
86 T	p-Isopropyltoluene	50.000	54.556	-9.1	101	0.00
87 T	1,3-Dichlorobenzene	50.000	50.252	-0.5	101	0.00
88 T	1,4-Dichlorobenzene	50.000	47.420	5.2	101	0.00
89 T	n-Butylbenzene	50.000	57.265	-14.5	102	0.00
90 T	Hexachloroethane	50.000	47.546	4.9	103	0.00
91 T	1,2-Dichlorobenzene	50.000	50.311	-0.6	102	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	49.682	0.6	101	0.00
93 T	1,2,4-Trichlorobenzene	50.000	56.016	-12.0	103	0.00
94 T	Hexachlorobutadiene	50.000	48.803	2.4	100	0.00
95 T	Naphthalene	50.000	60.876	-21.8#	105	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	56.844	-13.7	102	0.00

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